

**ARTISAN
BOOKS &
BINDERY**

New Acquisitions

November 2016

Artisan Books & Bindery

Craig R. Olson
111 Derby Road
Islesboro, Maine 04848-4904

Telephone: 207.734.6852
E-mail: craig@artisanbooksandbindery.com
Web Site: www.artisanbooksandbindery.com

"Helping clients build and maintain their libraries."

DESCRIPTIONS:

All books are First Editions, First Printings, and hard cover unless otherwise indicated.

TERMS:

All items are offered subject to prior sale. Any book may be returned within 10 days. Photographs are available upon request.

SHIPPING:

Media Mail Shipping is Free. Shipping is by USPS/Priority/Insured at \$10.00 for the first book, \$1.50 for each additional book. Overseas shipping is via Air only with parcels insured and will be billed at cost.

PAYMENT:

American Express, Discover, MasterCard, VISA, PayPal, and Checks. Maine residents subject to 5.5% State Sales Tax.



~ ARCHITECTURE & DECORATIVE ARTS ~

Stern, Robert A. M.; Gilmartin, Gregory; Massengale, John. **New York 1900: Metropolitan Architecture and Urbanism 1890-1915.** New York: Rizzoli, 1987. First Edition. Second Printing, 1987. 502 pp. 4to. Clean, crisp copy in mylar cover.

Inscribed by Stern on the half-title page to Edwin Malloy (1926-1998) New York real estate executive and philanthropist. (#28020) \$125.00

Vaughan, Thomas (Editor); Ferriday, Virginia Guest (Editor). **Space, Style and Structure: Building in Northwest America (2 Volumes).** Portland, OR: Oregon Historical Society, 1974. First Edition. xxi, 372, vi, 373-750 pp. 4to. Wear and scuffing to dust jackets toning along edges, small tears, now in mylar cover. Both volumes tight and clean within. Very Good in Good dust jacket. Hardcover.

Important chronicle of the earlier built environment of the Pacific Northwest. (#28005) \$75.00

Whitehead, Russell F. (Editor); Brown, Frank Chouteau (Editor). **Architectural Treasures of Early America: Early Homes of Massachusetts, Colonial Architecture in Massachusetts, Colonial Architecture in New England, Early Homes of Rhode Island (4 Volumes).** New York: Arno Press, 1977. First Edition. First Arno Press Edition. 4to. Red cloth boards with gold embossed decorative design and titling to cover boards and spine of each volume. Heavily

illustrated with both drawings and photographs of early architecture of New England. Very Good. Hardcover. (#27803) \$100.00

Wright, Frank Lloyd; Guerrero, Pedro; Boyle, Bernard Michael; Wright, Frank Lloyd. **Wright in Arizona: The Early Work of Pedro E. Guerrero.** Tempe, AZ: Arizona State University, 1995. First Edition. vi, 47 pp. 8vo. Black paper wraps that are clean and crisp. 20 black & white photographs of dating from 1940 & 1941. Printed in an edition of 1200 copies. Fine. Wraps. *Significant in that 10 photographs, half the publication, document the interior and exterior of Frank Lloyd Wright's Rose Pauson House, designed in 1939 and built from 1940-1942. Photographs are significant in that the home was destroyed by fire within a year of its completion and had very little additional documentation.* (#27612) \$75.00

~ AMERICANA ~

Memoirs of a Late Officer in the Army of the United States. Philadelphia, PA: American Sunday-School Union, 1836. As. 69 pp. 16mo. Scuffing to covers, cloth spine with marbled paper covered boards, paper title label remnant to spine. Light spotting throughout. Good. Hardcover. (#27220) \$60.00

Clap, Roger. **Memoirs of Roger Clap. 1630. (Collections of the Dorchester Antiquarian and Historical Society).** Boston, MA: David Clapp, Jr., 1844. First Edition. First David Clapp, Jr. Edition. Green paper covered boards with printed title, green cloth spine. Overall wear and scuffing, m light staining. Age toning to endpapers, front pastedown has split at gutter, but still tight to boards. Clean within. Very Good. Hardcover. *The memoir of Dorchester, Massachusetts's earliest settlers, arriving there in 1630 and living there until his death in 1691.* (#28008) \$100.00

Coolidge, A. J.; Mansfield, J. B. **A History and Description of New England, General and Local. Volume I: Maine, New Hampshire, and Vermont.** Boston, MA: Austin J. Coolidge, 1859. First Edition. xxv, [3], 1023, [1] pp. 4to. Brown leather binding with black patch titles and with gold embossed titling to spine. Binding has been repaired and expertly rebacked, original endpapers retained and strengthened at joints with Japanese mending paper. Interior quite clean, minor brownig to endpapers from age. Single sheet with color maps of all three states laid into pocket attached at rear pastedown. 22 plates and numerous in-text illustrations. [Howes C741] Very Good. Full Leather. (#27769) \$250.00

Robbins, Thomas; Tarbox, Increase N. (Editor). **Diary of Thomas Robbins, D. D. 1796-1854 (2 Volumes).** Boston, MA: Beacon Press, 1886. First Edition. vii, 1052, 1131 pp. 4to. Brown pebbled cloth boards with gold embossed titling to spines. Sunning to spines has faded gold, overall scuffing and staining from use, corners bumped. Previous owner's bookplate on front pastedown of each volume. Title page in Volume I is detached but laid in, text block slightly shaken in the boards, beginning to separate from boards at rear pastedown but still attached. Good. Hardcover. (#28013) \$200.00

~ ART ~

Buttersworth, J. E.; Schaefer, Rudolph J. **J. E. Buttersworth: 19th-Century Marine Painter.** Mystic, CT: Mystic Seaport, 1975. First Edition. xxvi, 276 pp. 4to. Minor scuffing to dust jacket, small 3/4" tear at head of front panel. Previous owner's small library stamp on upper right corner

of first free endpaper. Clean and crisp within. Fine in Very Good dust jacket. Hardcover.
(#27524) \$75.00

Delaunay, Sonia (Artist); Apollinaire, Guillaume; Cendrars, Blaise; Damase, Jacques (Introduction). **Sonia Delaunay: 27 Tableaux Vivants**. Milan, Italy: Edizioni del Naviglio, 1969. Limited Edition. [42] pp. 4to. Accordion bound with white cloth front and rear boards and a Sonia Delaunay design gracing the front cover. Extremely clean and crisp within. 27 color lithographs of Delaunay's costume designs. Produced in a limited edition of 150 copies, numbers I-XXV were reserved for the authors, the remaining copies (XXVI-CL) are numbered and signed by both Delaunay and Damase at the colophon, this being #LIX (59). Housed in original scarlet cloth covered clamshell box with "Sonia Delaunay" printed in blue on cover and in Very Good condition with light scuffing and fading from time. OCLC lists only six institutions with a copy in their holdings, quite surprising given Delaunay's work crossing both art and costume design. Fine. Hardcover.

Sonia Delaunay (1885-1979) and her husband, Robert Delaunay, were co-founders of the art movement known as Orphism which was known for its strong colors and bold geometric shapes. During her long career, Delaunay created solitary art pieces, worked in fashion and costume design, including the costumes for Sergei Diaghilev's 1917 productions of "Cleopatra" and "Aida." This book represents a collaboration between Delaunay and Guillaume Apollinaire (who came up with the name Orphism in 1911-1913) and the poet, Blaise Cendrars. In 1913 Cendrars and Delaunay had collaborated on the groundbreaking artist's book, "La prose du Transsibérien et de la Petite Jehanne de France (Prose of the Trans-Siberian and of Little Jehanne of France)." Fascinating that this same relationship would result in a similar style of production fifty-six years later. (#28044) \$7,500.00

Gauchat, Pierre; Arnet, Edwin (Introduction). **Marionettes**. Zurich, Switzerland: Eugen Rentsch, 1950. As. First English Edition. Folio. Light scuffing to covers, remnants of original glassine still attached at edges. Book is not stitched, pages all loose in folio format. Very Good. Wraps.
(#27498) \$125.00

Gibson, Charles Dana. **Charles Dana Gibson: 4 Pictures in Color**. New York: Collier's Weekly, n.d.. As. Early 20th century. Folio of four loose color prints printed an edition that accompanied 4 color prints by Frederic Remington. Remington prints missing from folio. Black cloth folio with Remington illustration and title pasted to front boards, black cloth ties. Three of the four "Artist's Proof" of the Gibson plates come with labels, "Hearts are Trump," "Reciprocity," and "The Hero endeavors to decide upon an object for his affection." All prints have very minor toning at edges, color portions very clean. Very Good. Loose Leaf in Folio.
(#27965) \$120.00

Matora, Ōishi; Kuniyoshi, Utagawa; Eisen, Ikeda; Kuninao, Utagawa. **Shinji Andon (4 Volumes)**. Nagoya, Japan: Eirakuya Tōshirō, c. 1829-1847. As. Volumes 1, 2, 4 & 5 of the original 5 volume set. Missing Volume 5. Unpag. 8vo. Volumes 1 & 4 contain 22 leaves; Volumes 2 & 5 contain 21 leaves. Each volume has an orange cover with a paper label on front cover of each. Each binding has a loose or broken string but all are still intact, Volume I loosest; set is connected by one string that keeps the set together. Wear and scuffing to covers, interiors clean and bright, all wood block illustrations in black and white.

Each volume has numerous color wood cut illustrations, Volumes 1, 2 & 4 depict daily village life in a humorous way; Volume 5 focuses on samurai and military matters. Illustrators of each volume are as follows: Volume 1: Ōishi Matora (1792-1833). Volume 2: Utagawa Kuniyoshi (1798-1861) Volume 4: Utagawa Kuninao (1793-1854) and Volume 5: Ikeda Eisen (1790-1848). (#27570) \$3,750.00

~ E. B. WHITE ~

White, E. B.; Thurber, James. **Is Sex Necessary? or Why You Feel the Way You Do.** New York: Harper & Brothers Publishers, 1929. First Edition. First Printing. xxix, 197 pp. 8vo. Wear and scuffing to covers, bumping to corners, paper loss to each. Light green paper covered boards with Thurber's drawing of a man in the lower right corner of the front board, black cloth spine has bumping at heading and foot, gold embossed titling. First Printing as indicated by the cod "I-D" on the copyright page (September 1929) [Hall A3]. Very Good. Hardcover.

Signed by White on the title page, "E B White." E. B. White's third book, and one co-authored with James Thurber who also provided the illustrations. Exceedingly rare in a first edition, first printing, published in a small run of 2,500 copies. There is a theory that the first 1500 copies were bound in the light green boards like this edition in September, two 500 copy runs bound later in a different way. [Hall A3]. (#27594) \$2,750.00

White, E. B.; Thurber, James. **Is Sex Necessary?** New York: Armed Services, Inc., 1944. First Edition. First Printing. 128 pp. 32mo. Light wear and scuffing to covers, sunning to spine. Armed Services Edition #M-2 Very Good. Wraps.

Signed by E. B. White on the title page. E. B. White's third book, and one co-authored with James Thurber who also provided the illustrations. First published in 1929, this edition was reprinted on numerous occasions. This unabridged edition was published by the Armed Services in 1944 with the number identifier M-2 [Hall A3]. Armed Services, Inc. reprinted it again in 1946 but with the number identifier #1016. From the Estate of Joel (1930-1997) & Allene White. (#27590) \$1,000.00

White, E. B. (Introduction); Marquis, Don; Herriman, George (Artist). **The Lives and Times of Archy & Mehitabel.** Garden City, NY: Doubleday & Company, Inc., 1962. As. xv, 477 pp. 8vo. Dust jacket has light chips and tears, spine is faded from sunning, beginning to split at lower left hinge along spine, price clipped, now in mylar cover. Black cloth boards with gray printed title block on spine. Clean, crisp copy. Very Good in good dust jacket. Hardcover.

White wrote a 7-page introduction to this edition [HallB8], xxvii-xxiv, that is missing. Small typed note, laid in, signed by White "EBW," indicates that "My introduction has been clipped from this book. I probably used it as copy when I was putting together 'The Second Tree from the Corner.'" This would make sense in that "Second Tree was published in 1954, but in 1952 White also published "Charlotte's Web." From the Estate of Joel (1930-1997) & Allene White. (#27593) \$500.00

White, E. B.; White, Katharine S. (Association). **The Second Tree from the Corner.** New York: Harper & Brothers, Publishers, 1962. As. First Harper's Modern Classics Edition. xii, 266, [2] pp. 8vo. Red cloth boards with titling to cover board and spine. Spine has just a hint of sunning. Clean and crisp within. Encased in a fitted mylar dust jacket. This edition includes a biographical essay by W. W. Watt. [Hall A19] Very Good. Hardcover.

Inscribed by E. B. White (1899-1985) to his wife, Katharine S. White (1892-1977) in ink on the first free endpaper: "With love to my modern classical wife/KSW/from/EBW." Always the humorist, White is referring to this special edition, "Harper's Modern Classics." White's 19th book, "The Second Tree from the Corner" was published two years after the enormous success of "Charlotte's Web."

Katharine S. White was the longtime fiction editor at The New Yorker where she met E.B. White in the late 1920s; they were married in 1929. From the Estate of Joel (1930-1997) & Allene White. (#27592) \$3,500.00

~ FICTION ~

Barrie, J. M.; Thomson, Hugh (Artist). **The Admirable Crichton**. London: Hodder & Stoughton, n.d. [1914]. Limited Edition. 235 pp. Folio. White faux vellum boards with gold embossed decoration and titling. General soiling overall, minor soiling to endpapers, clean within. Illustrations by Hugh Thomson. Very Good. Hardcover.

Copy #149 of the Edition de Luxe of 500 copies, signed by Hugh Thomson on the limitation page. (#28027) \$150.00

Carmer, Carl. **Stars Fell On Alabama**. New York: The Literary Guild, 1934. First Edition. First Literary Guild Edition. xiv, 294 pp. 8vo. Minor wear and scuffing to dust jacket, very slight fading to spine from sunning, now in mylar cover. Blue cloth boards with silver embossed to cover boards and spine. Rare in dust jacket. Very Good in Very Good dust jacket. Hardcover. (#27703) \$100.00

Carroll, Lewis [Dodgson, Charles Lutwidge]; Moser, Barry (Artist); Kincaid, James R. (Notes); Goodacre, Selwyn (Editor). **Alice's Adventures in Wonderland**. Berkeley, CA: University of California Press, 1982. Limited Edition. First Printing. 146 pp. Folio. Red cloth boards with red embossed title to cover boards and spine. Top edge of text block in reg gilt. Text and folio containing the additional print are housed in its original red cloth slipcase. Fine. Hardcover.

Originally published by Barry Moser's Pennyroyal Press in 1982, the trade edition was produced in the same year by the University of California Press in a 3/4 size edition and included a separate print. This edition includes the Mad Hatter print, signed by Moser. A stunning production. (#28029) \$350.00

Clegg, Bill. **Did You Ever Have a Family**. New York: Grove Press, 2014. First Edition. First Printing. 293 pp. 8vo. Clean, crisp copy with dust jacket in mylar cover. Fine in fine dust jacket. Hardcover.

Signed by the author on the title page. In an orange cloth slipcase that replicates the titling on the dust jacket, part of the Powell's Books Indiespensable Program. (#27974) \$75.00

Galsworthy, John. **The Forsyte Saga (3 Volumes)**. London: William Heinemann Ltd., 1923. Limited Edition. xviii, 535, ix, 556, xi, 475 pp. 8vo. White paper covered boards with faux vellum spines. Gold embossed titling to spines with decorative medallion in which integrates Galsworthy's initials. Minor soiling from shelf wear. Deckled edge. Decorated endpapers, interiors clean with many pages uncut. Very Good. Hardcover.

The Manaton Edition, printed in an edition of 520 sets of which 500 were for sale, this is the three volumes of "The Forsyte Saga" that was part of the original set of 30 volumes was part of set #133 and is signed by Galsworthy on the limitation page of Volume I. (#28022) \$250.00

Goldsmith, Oscar; Dobson, Austin (Preface). **The Vicar of Wakefield**. London: Macmillan & Co., 1892. Second Edition. Second Printing. xxiv, 305 pp. 12mo. Full brown leather binding with five raised bands at spine, gold embossed titling. Light scuffing, all edges gilt, marbled endpapers. Illustrations throughout by Hugh Thomson. Binding by J. M. Dent & Co. Very Good. Full Leather. (#27586) \$75.00

Jackson, Greg. **Prodigals**. New York: Farrar, Straus and Giroux, 2016. First Edition. First Printing. 219 pp. 8vo. Clean, crisp copy. Fine in fine dust jacket. Hardcover.

Signed boldy by the author on the title page. (#28030) \$75.00

King, Owen. **We're All in This Together**. New York: Bloomsbury, 2005. First Edition. First Printing. 223 pp. 8vo. Clean, crisp copy with dust jacket in mylar cover. Fine in fine dust jacket. Hardcover.

Signed neatly by the author on the title page. (#27738) \$75.00

Kipling, Rudyard. **Plain Tales from the Hills 1886-1887**. Garden City, NY: Doubleday, Page & Company, 1914. Limited Edition. xii, 303 pp. 4to. Gray cloth cover boards with light gray buckram spine, paper patch title to spine. Spine cloth has split along hinge both front and rear. Deckled edge, clean and crisp within. Good. Hardcover.

Volume I of the Seven Seas Edition, printed in an edition of 1,050 copies, this being copy #537. Signed by Rudyard Kipling on the half-title page. (#27987) \$300.00

~ FINE PRESS ~

[Arion Press] Ginsberg, Allen; Vendler, Helen (Introduction); Kitaj, R. B. (Artist). **KADDISH with WHITE SHROUD and BLACK SHROUD**. San Francisco, CA: The Arion Press, 1992. Limited Edition. 62, [1] pp. Folio. Green and black cloth boards with ingenious interlocking binding structure that seals the book when closed. Signed in pencil at the half-title limitation page by Allen Ginsberg and also includes his signature "AH" in a circle. Lithographs of Ginsberg and his mother, both at age 30 and on facing pages signed by Kitaj beneath the portrait of Naomi. Fine. Hardcover.

Produced in an edition of 226, 200 numbered and 26 copies for private distribution, this being copy #195. The thirty-eighth publication of the Arion Press. (#27632) \$1,250.00

[Ives Street Press] Bacon, Francis; Cash, Barbara. **Of Gardens**. Sweden, ME: Ives Street Press, 1991. Limited Edition. Unpag. 12mo. Turquoise paper covers with a paper-laced binding at spine. Green first free endpapers with a collage of pressed flowers from the printer's garden on the second free endpaper. Housed in original purple cloth clamshell box with pasted paper label at spine, prospectus laid in. Fine. Wraps.

Printed by Barbara Cash at the Ives Street Press in the summer of 1991. Printed in an 11 point Monotype Walbaum set by Golgonooza Letter Foundry on Hayle paper sewn into turquoise Saint Armand wrappers. Printed in an edition of 100 copies, this being #22 and signed by the printer on the colophon. (#27739) \$300.00

[Janus Press] Kaufman, Margaret; Van Vliet, Claire (Artist). **Praise Basted In: A Friendship Quilt for Aunt Sallie**. Newark, VT: The Janus Press, 1995. Limited Edition. Unpag. 4to. A beautiful production that pays homage to the friendship quilt. Accordion fold production with each section representing a portion of a friendship quilt presented to Aunt Sallie, each section with a holograph note card from the presenter, a poetic response from Aunt Sallie printed on facing page. Title basted in embroidery thread, book enclosed in a printed fabric cover. Clamshell box also covered in printed fabric and includes a bouquet of silk flowers inset into the front tray. Each pages create a different quilt pattern with the names of the quilters handwritten on a corner of each section. Papers used: Barcham Green, Richard Langdell, MacGregor-Vinzani, Fabriano, Rives, and Mohawk Superfine. Fine.

Produced in an edition of 100 copies, this being #40 Inscribed by Claire Van Vliet to the recipient and signed by all of the artists on the colophon. (#27629) \$900.00

[Janus Press] King, Karen (Translator); Ruether, Rosemary Radford (Commentaries); Van Vliet, Claire (Artist). **The Gospel of Mary**. Newark, VT: The Janus Press, 1995. Limited Edition. 41 pp. 4to. Cover sheets are a cloud design that encloses a beautiful production in woven strip

binding with a stunning pop-up starburst of blue, green, orange, at midpoint in the book. Housed in clamshell box with birch trays and paste-paper cover. Fine.

"The text of the Gospel of Mary is taken from the Scholars Version translation published in The Complete Gospels ...The Gospel images are based on diagrams in Dynamic Symmetry: The Greek Vase by Jay Hambidge." "The Gospel is set in Adobe Neue Hammer Unciale with the assistance of Ellen Dorn Levitt. The Commentary is 11 and 12 pt Monotype Plantin set, cast at Golgonooza Letter Foundry in Ashuelot, New Hampshire with hand reworking by Margery Cantor and was printed on calendered Barcham Green Boxley with the assistance of Andrew Miller-Brown. The cover and center piece were pulp painted by Claire Van Vliet with Katie MacGregor in Whiting, Maine who also made the pop-up papers. Audrey Holden executed the woven binding with Barcham Green Cairo with boxes in DeWint by Holden, birch trays by Richard Holmquist."--Colophon.

Printed in an edition of 150 copies that were not numbered but rather personalized with the name of the purchaser printed in letterpress on the colophon and signed by Claire Van Vliet, Audrey Holden (the binder), and Andrew Miller-Brown (printer). (#27630) \$1,400.00

[Janus Press] Von Bingen, Hildegard; Thompson, Elizabeth (Introduction and Notes); Johnson, W. R. (Translator); Van Vliet, Claire (Artist). **Circulus Sapientiae [Circle of Wisdom]**. Newark, VT: The Janus Press, 2001. Limited Edition. Unpag. Folio. Paper covered case houses paper covered folio that houses accordion folded pages with exquisite pop-ups and text in Latin. Small paste paper pamphlet contains English translation of Latin printed in movable book, CD of the musical performance illustrated within the book in a small paste-paper envelope tucked into a pocket on the front of the pamphlet. An unbelievable production in both design, art, printing, music, paper engineering. Produced in an edition of 120 copies. Fine.

"This publication was planned to celebrate Hildegard's nine hundredth birthday. Claire Van Vliet made the pulp paintings with Katie MacGregor in Whiting, Me. who also made the colored sheets and covers. The other papers are Twinrocker Lilac Wind & Barcham Green RWS, Nefertiti, Renaissance IV and Dover; the popups were executed by Audrey Holden, the chemise & slipcase by Judi Conant & Mary Richardson in Maidstone, Vermont. The latin text is Rudolph Koch's Wallau & the english, Trump Mediaeval. The cover lettering is Circulus Sapientiae in Hildegard's secret alphabet."--From the colophon.

Although produced in an edition of 120 copies, this copy is not numbered but personalized with the recipient's name printed in letterpress on the colophon as she was one of the members of the team that produced the piece. (#27628) \$2,000.00

[Planthouse Press] Orlean, Susan (Text); Gill, Simryn (Artist); Meisenberg, Florian (Artist); Satibañez, Katia (Artist); Taaffe, Philip (Artist); Tomaselli, Fred (Artist); Würth, Anton (Artist). **The Floral Ghost**. New York: Planthouse Press, 2014. Limited Edition. Elephant Folio. Loose sheets Six original prints by Simryn Gill, Florian Meisenberg, Katia Santibañez, Philip Taaffe, Fred Tomaselli and Anton Würth. Portfolio measures 15"x20" and is in a custom box. Fine. Loose Leaf.

An absolutely stunning production showcasing the work of six contemporary artists in a limited edition of 50 copies, this being copy 26. Each print signed by the artist, essay by Susan Orlean printed letterpress and signed and numbered by her at the base. (#28041) \$6,000.00

~ HISTORY ~

Aikin, Lucy. **Memoirs of the Court of Queen Elizabeth (2)**. London: Longman, Hurst, Rees, Orme, and Brown, 1818. First Edition. viii, 488, 592 pp. 8vo. Blue leather spine and cover corners, five raised bands to spine, gold titling, blue cloth insets to covers, Scuffing and wear to

boards, bumping to corners, small losses at corners, front board hinge starting at head of hinge. Top edges gilt. Clean within. Good. Three Quarter Leather. (#27259) \$100.00

Putnam, Elizabeth. **Mrs. Putnam's Receipt Book; and Young Housekeeper's Assistant.** Boston, MA: Ticknor, Reed, and Fields, 1849. First Edition. 4 [ads], iv, [5]-131, [1] pp. 12mo. Brown cloth boards with blind embossed border to front and rear boards, tastefully rebaked with a new spine. Original endpapers retained with gutters strengthened with Japanese paper front and rear. Previous owner's signature on front pastedwon. Light foxing throughout. Very Good. Hardcover.

One of the most significant cook books of the early 19th century. This copy is particularly interesting due to the two original pencil illustrations on the pages preceding the title page of a woman kneading bread. (#27768) \$500.00

~ MARITIME ~

Anderson, R. C. **The Rigging of Ships in the Days of the Sprintsail Topmast 1600-1720.** Salem, MA: The Marine Research Society, 1927. Limited Edition. xiv, 278, [1] pp. 4to. Marbled paper cover boards with brown cloth spine, gold embossed titling. Top edge gilt, some page foreedges uncut. Previous owner's name neatly written in ink on first free endpaper. Light water stain along upper right corner of edge of pages in plates section through p. 12. Clean within. Very Good. Hard Cover.

The 14th publication of the Marine Research Society. Printed in a Limited Edition of 97, this being #76. (#27847) \$125.00

Biddlecombe, George; Pentecost, Ernest H. **The Art of Rigging Containing an Explanation of Terms and Phrases and the Progressive Method of Rigging Expressly Adapted for Sailing Ships.** Salem, MA: The Marine Research Society, 1925. First Edition. 155, [1] pp. 8vo. Green cloth board with gold embossed titling to spine. Previous owner's name in ink on first free endpaper. Very Good. Hard Cover. (#27850) \$75.00

Bowen, Frank C. **The Golden Age of Sail: Indiamen, Packets and Clipper Ships.** London: Halton & Truscott Smith, Ltd., 1925. Limited Edition. xv, 86 pp. 91 plates. Folio. Brown three quarter leather binding with orange and purple marbled paper insets to front and rear boards, gold embossed titling to spine. Wear and scuffing to boards and board edges. Top edges gilt, foredge and foot of text block deckled, very light staining to endpapers, clean within. Very Good. Three Quarter Leather.

An exquisitely printed edition on heavy rag paper. An important book in Maritime History. Printed an edition of 100 copies, this being #24. (#27780) \$500.00

Bowen, Frank C. **The Sea: Its History & Romance (3 Volumes).** London: Halton & Truscott Smith, Ltd., 1924. First Edition. 308, 284, 289 pp. 4to. Cover boards are navy blue with some scuffing and wear to edges, bumping to corners from shelf wear. Gilded titling to spines and cover boards with ship illustration on front cover board of each volume. Covers the early ages to 1814. Heavily illustrated. Minor coxing to endpapers of each volume. Very Good. Hard Cover. (#27801) \$175.00

Chapelle, Howard I. **The Baltimore Clipper: Its Origin and Development.** Salem, MA: The Marine Research Society, 1930. Limited Edition. xii, 192 pp. 4to. 24 black & white plates, 25 detailed plans, 35 half-tone reproductions. This was the 22nd publication of the Marine Research Society. Marbled paper cover boards with brown cloth spine, gold embossed titling. Marbled endpapers, top edge gilt, some page foreedges uncut. [Howes C-288] Fine. Hard Cover.

Printed in a Limited Edition of 97, this being #76. (#27804) \$200.00

Chatterton, E. Keble. **Old Sea Paintings: The Story of Maritime Art as Depicted by the Great Masters.** London: John Lane The Bodley Head Limited, 1928. First Edition. First Printing. xiii, [1], 179 pp. 4to. Black leather spine with five raised bands to spine, gold embossed titling to spine, four ships in gold to compartments with no titling, blue cloth insets. Fine. Three Quarter Leather. (#27783) \$350.00

Laughton, L. G. Carr. **Old Ship Figure-Heads & Sterns With Which Are Associated Galleries, Hancing-Pieces, Catheads and Divers Other Matters That Concern the "Grace and Countenance" of Old Sailing-Ships.** London: Halton & Truscott Smith, Ltd., 1925. Limited Edition. xv, 281 pp. 55 plates. Folio. Brown three quarter leather binding with orange and purple marbled paper insets to front and rear boards, gold embossed titling to spine. Wear and scuffing to boards and board edges, 1" sunning strip across top edge of cover board. Top edges gilt, foredge and foot of text block deckled, very light staining to endpapers, clean within. Very Good. Three Quarter Leather.

An exquisitely printed edition on heavy rag paper. An important book in Maritime History. Printed an edition of 100 copies, this being #20. (#27781) \$750.00

Lubbock, Basil. **The Down Easters: American Deep-water Sailing Ships 1869-1929.** Boston, MA: Charles E. Lauriat Company, 1929. First Edition. xvi, 285 pp. 4to. Bright blue cloth boards with gold embossed titling to spine. Top edge gilt, light foxing to illustrated endpapers. Very Good. Hard Cover. (#27861) \$75.00

Lubbock, Basil. **The Last of the Windjammers (Volume I & II in 4 Volumes).** Boston, MA: Charles E. Lauriat Company, 1927, 1929. First Edition. xiv, 266, 267-518, xv, 212, 213-443 pp. 8vo. Bright blue cloth boards with gold embossed titling to spine. Very Good. Hard Cover.

The quintessential history of the windjammer fleets. Rare in this condition in an intact run. (#27851) \$1,000.00

Lubbock, Basil. **The Log of the Cutty Sark.** Boston, MA: Charles E. Lauriat Company, 1924. First Edition. First American Edition. xii, 422 pp. 8vo. Bright blue cloth boards with gold embossed titling to spine. Top edge gilt. Minor foxing to endpapers. Very Good. Hard Cover. (#27863) \$200.00

Lubbock, Basil; Hook, F. A. (Editor); Spurling, J. (Artist). **Sail: The Romance of the Clipper Ships (2 Volumes).** London: The Blue Peter Publishing Company, Ltd., 1927/1929. First Edition. Volume I: Second Printing. x, [1], 153, pp. Folio. Volume II: First Printing. vii, [1], 152 pp. Folio. Volume I has dark green cloth boards with gold embossed image of ship at full mast on the cover board with gold embossed titling there and at spine. Volume II has blue cloth covered boards of the same design. Both volumes have minor foxing to first few pages front and rear. Heavily illustrated, folding map at rear of each. Fine. Hard Cover. (#27782) \$300.00

Moore, Alan. **Sailing Ships of War: 1800-1860 Including the Transition to Steam.** London: Halton & Truscott Smith, Ltd., 1926. Limited Edition. xiv, [2], 78 pp. 90 plates. Folio. Brown three quarter leather binding with orange and purple marbled paper insets to front and rear boards, gold embossed titling to spine. Wear and scuffing to boards and board edges, scuffing to spine. Top edges gilt, foredge and foot of text block deckled, very light staining to endpapers, clean within. Very Good. Three Quarter Leather.

An exquisitely printed edition on heavy rag paper. An important book in Maritime History. Printed an edition of 100 copies, this being #24. (#27779) \$500.00

Matthews, Frederick C. **American Merchant Ships: 1850-1900 (2 Volumes)**. Salem, MA: The Marine Research Society, 1930/1931. Limited Edition. xvi, 399 , xi, 358, [1] pp. 4to. Marbled paper cover boards with brown cloth spine, gold embossed titling. Marbled endpapers, top edge gilt, some page foreedges uncut in both volumes. [Howes M-424] Very Good. Hard Cover.

The 23rd publication of the Marine Research Society. Printed in a Limited Edition of 97, this being #76. (#27805) \$800.00

Pierce, Wesley George. **Goin' Fishin': The Story of the Deep-Sea Fisherman of New England**. Salem, MA: The Marine Research Society, 1934. Limited Edition. xiii, 323, [1] pp. 4to. Marbled paper cover boards with brown cloth spine, gold embossed titling. Marbled endpapers, top edge gilt, some page foreedges uncut. Previous owner's name in ink on second free endpaper. Illustrated by the author. Very Good. Hard Cover.

The 26th publication of the Marine Research Society. Printed in a Limited Edition of 97, this being #76. (#27845) \$200.00

Robinson, John; Dow, George Francis. **The Sailing Ships of New England: Series Two**. Salem, MA: The Marine Research Society, 1924. Limited Edition. 51 pp. Plates 310-554. 4to. Blue paper covered boards with vellum spine and gold embossed titling, light scuffing overall. Top edge gilt, some foxing to pages preceding title page, clean within. Heavily illustrated with black & white illustrations of ships and the occasional photograph. Very Good. Hard Cover.

The 5th publication of the Marine Research Society. Printed in a Limited Edition of 95, this being #37. (#27848) \$200.00

Robinson, John; Dow, George Francis. **The Sailing Ships of New England: Series Three**. Salem, MA: The Marine Research Society, 1928. Limited Edition. 45 pp. Plates 556-770. 4to. Blue paper covered boards with vellum spine and gold embossed titling, light scuffing overall. Top edge gilt, some foxing to pages preceding title page, clean within. Heavily illustrated with black & white illustrations of ships and the occasional photograph. Some pages uncut. Very Good. Hard Cover.

The 5th publication of the Marine Research Society. Printed in a Limited Edition of 97 this being #76. (#27849) \$200.00

Wasson, George S.; Colcord, Lincoln. **Sailing Days on the Penobscot: The River and Bay As They Were In the Old Days. With a Record of Vessels Built There**. Salem, MA: The Marine Research Society, 1932. Limited Edition. xiv, 456, [1] pp. 4to. Marbled paper cover boards with brown cloth spine, gold embossed titling. Endpapers illustrated with a map of Penobscot Bay, top edge gilt, some page foreedges uncut. Very Good. Hard Cover.

The 24th publication of the Marine Research Society. Printed in a Limited Edition of 97, this being #76. (#27846) \$500.00

~ MISCELLANEOUS ~

Egan, Pierce. **Tom & Jerry: Life in London or Day and Night Scenes of Jerry Hawthorn, Esq. and His Elegant Friend Cornithian Tom in Their Rambles and Spres Through the Metropolis**. London: John Camden Hotten, 1869. As. xvi, 406 pp. 8vo. 36 color plates by I. R. (Isaac Robert) & G. (George) Cruickshank. Full leather binding with spine that has been rebacked tastefully with similar leather. Five raised bands to spine, red leather patch title with gold embossed titling, gold decoration to spine, borders to tree calf leather covers. Plates are all clean and sharp. Very Good. Full Leather. (#27311) \$125.00

Gibbon, Edward; Radice, Betty (Editor, Introduction). **The History of the Decline and Fall of the Roman Empire (8 Volumes)**. London: The Folio Society, 1983. First Edition. Eleventh Printing, 2000. White faux vellum boards printed red and blue patch titles to spine of each volume, gold titling and borders. All volumes clean and crisp. Housed four volumes each in two red paper covered slipcases. Fine. Hardcover. (#28070) \$100.00

Koch, Charles G. **Good Profit: How Creating Value for Others Built One of the World's Most Successful Companies**. New York: Crown Business, 2015. First Edition. First Printing. viii, 276 pp. 8vo. Clean, crisp copy. Signed by Charles Koch on the second free endpaper. Fine in fine dust jacket. Hardcover. (#28039) \$125.00

Merton, Thomas. **The Journals of Thomas Merton (7 Volumes)**. New York: HarperSanFrancisco, 1995-1998. First Edition. First Printing. 8vo. Previous owner's embossed library stamp on lower right corner of first free endpaper of all volumes except Volume 7. All volumes are clean, crisp copies with dust jackets in mylar covers. Base of text block of Volume 7 has a black remainder mark. Fine in Fine dust jacket. Hardcover. (#28054) \$125.00

~ NATIONAL PARK SERVICE ~

Mesa Verde Centennial Series (7 Volumes). Durango, CO: The Durango Herald Small Press, 2005-2006. First Edition. First Printing. 8vo. Contains the following titles: Women to the Rescue; Travels and Travails; Photographing Mesa Verde; Fire on the Mesa; The Wetherills; New Deal Days; Dirt, Water, Stone. Clean, crisp copies in original slipcase in Fine condition. Fine. Trade paperback.

Series of 7 volumes published in 2005 & 2006 in celebration of the 100th anniversary of the founding of Mesa Verde National Park in 1906. Each volume signed by the authors on title page. Slipcase numbered, #43 of 150 of the Limited Edition Boxed Set. (#27674) \$225.00

Proposed John Muir-Kings Canyon National Park. Washington DC: American Planning and Civic Association, 1939. First Edition. 19 pp. 8vo. Very light scuffing to the covers from shelf wear. Fine. Wraps.

Reprinted from the publication, "Planning and Civic Comment" and used to promote the establishment of a new park within the National Park Service. Also contains a condensed version of John Muir's "A Rival of the Yosemite" which was published in Century Magazine in November of 1891. Nine illustrations by Charles D. Robinson. Kings Canyon was established as a National Park in 1940. (#27615) \$75.00

Yellowstone National Park. July 20, 1892. Mr. McCrae, From the Committee on Public Lands, Submitted the Following Report... Washington DC: U. S. Government Printing Office, 1892. First Edition. First edition. xv, 295, 8 pp. Clean, crisp copy in a recent green and brown binding similar to the official colors of the National Park Service. At some point extracted from the Congressional Record in which it was printed. 52nd Congress, 1st Session, Report No. 1956 Very Good. Hardcover.

Lengthy report investigating leases made to the Yellowstone Park Association then rescinded and given to S. S. Huntley. Reports of squatters, unapproved homes and barns being built, and the less desirables who have begun to populate the park: "These camps have been here for months and are now willed with the very worst element found in this country. They have no visible means of support; in fact they are a thorough type of Eastern tramps, only more desperate." (p. ii) Fascinating reading. (#27938) \$150.00

Allaback, Sarah. **Mission 66 Visitor Centers: The History of a Building Type.** Washington DC: U.S. Department of the Interior, National Park Service, 2000. First Edition. iv, 296 pp. 4to. Minor scuffing to covers from shelf wear, bumping to base of spine. Clean within. Very Good. Wraps.

An already scarce title on the push in the National Park Service in the late 1950s and early 1960s to update its rustic structure to more modern and streamlined structures indicative of the era in their architectural design. (#27878) \$125.00

Chittenden, Hiram Martin. **The Yellowstone National Park: Historical and Descriptive.** Cincinnati, OH: The Robert Clarke Company, 1895. First Edition. xv, 397 pp. 8vo. Green cloth boards with gold embossed titling to cover and spine. Light fraying to head and foot of spine. Previous owner's name in ink on first free endpaper. Folding map at rear in fine condition. Very Good. Hardcover.

Important early work on Yellowstone National Park by Hiram Chittendon, who was stationed at Yellowstone for two tours, 1891-1893 & 1899-1904 and was responsible for roadwork and other improvements. (#27678) \$175.00

Dellenbaugh, Frederick S. **The Grand Canon of Arizona Through the Stereoscope.** New York: Underwood & Underwood, 1908. First Edition. 64 pp. 12mo. 18 stereoscopic views. Plain gray wraps with stapled binding, binding has released from text block, very clean, Two tipped-in map plates at rear, one single the other folding. Folding map has a 2" tear and a split at the fold and documents where each of the photographs were taken. Housed in original brown cloth slipcase that has light wear overall, fading to gold titling. Very Good. Wraps.

Important early photo documentation of the Grand Canyon and surrounding area. Obviously produced to generate travel to the Grand Canyon, it is unusual in that it also contains non-typical photographs of the Grand Canyon. Includes a photograph of renowned painter Thomas Moran sketching at Bright Angel Cove and a photograph of a train bridge passing over Canon Diablo and being observed by a Native American duo. Each stereoscopic view contains a full text explanation of the image on the rear and a short caption at the base in six languages. The author, Frederick S. Dellenbaugh, was a member of John Wesley Powell's 1871 Grand Canyon Expedition. (#27614) \$750.00

El Tovar Studio. **Grand Canyon National Park -- In Photo Gravure.** Grand Canyon National Park, AZ: El Tovar Studio, n.d.. As. c. 1920. Unpag. Oblong Folio. Wear and chipping to edges, water staining around cover but no damage to photographs within. Very Good.

23 black & white views of the Grand Canyon tipped onto heavy, labeled card stock that identifies each view. (#27884) \$175.00

Elliott, L. Louise. **Six Weeks on Horseback Through Yellowstone Park.** Rapid City, SD: The Rapid City Journal, 1913. First Edition. 195 pp. 8vo. Blue cloth boards with silver embossed titling to cover boards. Minor scuffing, bumping to corners. Very Good. Hardcover.

The authors chronicle, in the form of imaginary letters to her parents drawn from the diary she did keep, of her trip through Yellowstone in 1912. (#27677) \$300.00

Greene, Linda Wedel. **Historic Furnishings Report. Scotty's Castle: An Interior History of Death Valley Ranch.** Harper's Ferry, WV: National Park Service, 1991. First Edition. xix, 452 pp. 4to. White card stock wraps with black printed titling to cover and spine. Minor scuffing to covers. Library receipt stamp on verso of title page, only indication that it is ex-library. Fine. Wraps. (#27696) \$80.00

Haynes Photo. **Historic Photos of Yellowstone National Park (10 Photographs)**. St. Paul, MN: F. Jay Haynes, n.d.. As. Stock photographs produced by the official photographer of Yellowstone Park, F. Jay Haynes. Black & white photographs each measure 6-1/2" x 8-1/2". Very Good.

Six photographs feature Old Faithful Inn (1904-Present) with one exterior view of the entire complex, one of a side porch, one of the rotunda and another of the office/lobby with the massive fireplace that stands to this day, a dining room photograph, and first floor room. One photograph of the Old Faithful Geyser Crater; a photograph of Liberty Cap and Hotel (Mammoth Hotel, 1904-1936); one photograph of Fountain Hotel (1891-1927); one photograph of the North Entrance of Yellowstone at Gardiner, MT, with the iconic curved, rustic train platform and stone arch entrance to Yellowstone in the background. Important documentation of early 20th century structures of Yellowstone National Park which was established in 1872. (#27881) \$125.00

Kruska, Dennis. **James Mason Hutchings of Yo Semite: A Biography and Bibliography**. San Francisco, CA: The Book Club of California, 2009. Limited Edition. xv, 324 pp. Folio. Green cloth boards with an inset paper label that incorporates a Yosemite etching and the book's title on the cover, black cloth spine with gold embossed titling. Fine. Hardcover.

Born in England, James Mason Hutchings (1820-1902) immigrated to the United States in 1848 and a year later ventured west during the California Gold Rush. A successful miner, he lost his fortune, and in 1855 led the second excursion of tourists into what would become Yosemite National Park (1890). Hutchings settled in the Yosemite Valley but was made to leave the Park in 1875 due to his legal challenges to the State of California by continuing to build structures on land he no longer owned, having been compensated for property he had claimed once it became a State Park in 1864. Throughout his long life, Hutchings remained a promoter of Yosemite and its natural wonders, both through his hotels and publication, "Hutchings' Illustrated California Magazine." Published in an edition of 500 copies, this is also the 225th publication of The Book Club of California. (#27778) \$225.00

National Park Service. **Park Structures and Facilities**. Washington DC: Department of the Interior, National Park Service, 1935. First Edition. v, 246 pp. 4to. Green cloth boards with gold embossed design and titling to spine. Minor scuffing overall from shelf wear, bumping to corners, light staining to front cover board with three small divots to cloth on front board. Clean within. Very Good. Hardcover.

The original title that began to set the design standards for what we now view as "Park Service Architecture." Everything from sign standards to amphitheater design, welcome centers, picnic tables, and rustic chandeliers. Includes hundreds of photographic examples as well as measured drawings. This edition was expanded to a three volume publication in 1938 entitled "Park and Recreational Structures." Volume draws on both National Park examples as well as state and regional park facilities. Produced in a limited edition of 2,250 copies, this being copy #239. (#27777) \$300.00

National Park Service; Hough, Emerson (Association). **Report of the Director of the National Parks Service to the Secretary of the Interior for the Fiscal Year Ended June 30, 1918**. Washington DC: Government Printing Office, 1918. First Edition. 284 pp. 8vo. Pebbled brown leather cover with gold embossed titling to cover and "Mr. Emerson Hough" embossed at lower right corner of front cover, light scuffing overall. Marbled endpapers. Quite clean within. Very Good. Full Leather.

Emerson Hough (1857-1923) was an author who specialized in stories of the American West. In the 1890s he made his first trip to Yellowstone and advocated for anti-poaching laws that applied to National Parks. A longtime supporter of National Parks, and a very vocal proponent of the establishment of the National Park Service in 1916, it is likely that this was

presented to Emerson by National Park Service Director Stephen Mather in appreciation for his ongoing National Park Service Support. (#27687) \$700.00

Olmsted, Frederick Law; Ranney, Victoria Post; Thiebaud, Wayne (Artist). **Yosemite and the Mariposa Grove: A Preliminary Report, 1865.** Yosemite, CA: Yosemite Association, 1993. Limited Edition. xx, 32 pp. 8vo. 3 plates by Wayne Thiebaud. Book is bound with very light tan paper over boards with a light green cloth spine and paper label pasted to spine. Foreedge deckled, Fine. Hardcover.

An elegant fine press edition of Frederick Law Olmsted's original report, read at a camp in Yosemite before the first Yosemite Commission in August of 1865, that called for the establishment of a national park that preserved the Yosemite Valley and the Mariposa Grove of giant sequoia. Olmsted's recommendation would not come to fruition for another 25 years when Yosemite National Park was established on October 1, 1890. Produced in an edition of 450 copies, this is copy #156; copies #151-450 were not signed by Ranney or Thiebaud. (#27721) \$125.00

Quintano, Jen Jackson. **Blow Sand In His Soul: Bates Wilson the Heart of Canyonlands.** Moab, UT: Friends of Arches and Canyonlands Parks, 2014. Limited Edition. xi, [1], 171, [1] pp. 4to. Light brown leather spine with blind embossed titling, green cloth boards with silver embossed symbol of the National Park Service, the ranger hat superimposed over the trademark arrowhead. Clean and crisp within, no dust jacket as issued, matching green cloth slipcase with a photograph of Bates Wilson inset on front board. Signed on the title page by the author. Fine. Half Leather.

Heavily illustrated biography of Bates Wilson (1912-1983) that also documents the history of Canyonlands Region of Utah. Wilson was an early Superintendent at Arches and Natural Bridges National Monument taking on the role in 1949. He was instrumental in the founding of Canyonlands National Park and was appointed its first Superintendent upon its establishment as a National Park in 1964. Bates Wilson also hired the young Edward Abbey in the 1950s to work as a seasonal ranger at Arches National Monument, he seems to be one of the few people Abbey respected in the National Park Service.

Produced in 2014 to commemorate the 50th anniversary of Canyonlands National Park, this special edition was published in an edition of 52 copies: 40 clothbound Deluxe Editions numbered 1-40; 10 Leather Deluxe Editions, lettered A-J; and 2 Leather Deluxe Publisher's Editions that are neither numbered or lettered. This copy is a rare copy of one of the two Deluxe Publisher's Editions. It is signed on the title page by the author. Deluxe Leather Editions also contain a yellow U.S. Government Messenger Envelope that is tipped in at rear. Within the envelope is a facsimile of a letter (6 leaves) from Moab businessman Dan O'Laurie chronicling a September 29-October 4, 1961 trip through Canyonlands with Bates Wilson and 16 others in 5 Jeeps and a Jeep station wagon. (#27596) \$500.00

Quintano, Jen Jackson. **Blow Sand In His Soul: Bates Wilson the Heart of Canyonlands.** Moab, UT: Friends of Arches and Canyonlands Parks, 2014. Limited Edition. xi, [1], 171, [1] pp. 4to. Green cloth spine with gold embossed titling, gray cloth boards with blind embossed symbol of the National Park Service, the ranger hat superimposed over the trademark arrowhead. Clean and crisp within, no dust jacket as issued, matching green cloth slipcase with a photograph of Bates Wilson inset on front board. Signed on the title page by the author. Fine. Hardcover.

Heavily illustrated biography of Bates Wilson (1912-1983) that also documents the history of Canyonlands Region of Utah. Wilson was an early Superintendent at Arches and Natural Bridges National Monument taking on the role in 1949. He was instrumental in the founding of Canyonlands National Park and was appointed its first Superintendent upon its establishment as a National Park in 1964. Bates Wilson also hired the young Edward Abbey in

the 1950s to work as a seasonal ranger at Arches National Monument, he seems to be one of the few people Abbey respected in the National Park Service.

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Tilden, Freeman. **Following the Frontier with F. Jay Haynes.** New York: Alfred A. Knopf, 1964. First Edition. xi, 406, [viii] pp. 4to. Rust cloth boards with dark blue spine with gold and silver embossed titling. Clean within. Very Good. Wraps.

Biography of Frank Jay Haynes (1853-1921) was the official photographer of Yellowstone National Park and ran a photography concession within the park. Haynes Company published many guides to Yellowstone, as well as running a lucrative photography business. Haynes' son, Jack Ellis Haynes took over the business upon his father's death. Jack Haynes wife, Isabel M. Haynes has inscribed this book on the second free endpaper. (#27763) \$75.00

Tweed, William C.; Soulliere, Laura E.; Law, Henry G. **National Park Service Rustic Architecture: 1916-1942.** San Francisco, CA: National Park Service, Western Regional Office, 1977. First Edition. 119 pp. Gray paper cover with black plastic spiral binding. Minor soiling to covers, clean within. Illustrated with both photographs and drawings. Very Good. Spira Bound.

An internal historical survey of the rustic architecture that dominated the National Park Service in the early years and remains iconic to this day. Also important in that it lists individuals involved in both the design of structures and landscape within the Western Division in the early 1930s during the height of the building focus in conjunction with the WPA and CCC. OCLC reveals only copies in microform. (#27880) \$125.00

United States Department of the Interior. **A Survey of the Recreational Resources of the Colorado River Basin.** Washington DC: United States Government Printing Office, 1950. First Edition. xxiv, 242 pp. 4to. 119 black & white photographs and one color photograph facing Foreword, 16 plates: 1 at frontispiece, additional 15 loose, folding maps housed in tipped in folder at rear. Minor scuffing from shelfwear. Clean within. Very Good. Wraps.

Impressive survey of the entire Colorado River Basin. Among many recommendations contained is the proposal for the dam at Glen Canyon, which was completed and controversial to this day. (#27710) \$75.00

Voth, Hazel Hunt; Gill, Harold. **Yosemite National Park: A Bibliography.** Washington DC: United States Department of the Interior, National Park Service, 1939. First Edition. viii, 134 pp. 4to. Tan wraps with brown cloth reinforced spine. Light scuffing from shelf wear, small creases. Very Good. Wraps.

Mimeographed report published by the National Park Service in conjunction with the Works Progress Administration and the Civilian Conservation Corps. A scarce publication. (#27765) \$175.00

Walcott, Charles D. **Geologic Atlas of the United States: Yellowstone National Park Folio, Wyoming.** Washington DC: U.S. Geological Survey, 1896. First Edition. Unpag. Elephant Folio. 6 pp text, 11 photographs of Yellowstone National Park, 6 maps, 2 of which are color. Soiling and staining to wraps, indication of water damage at lower left corner of front cover and corresponding location of rear cover and interior rear page. Maps are quite clean with a light stain along the base of each out side of the image area. Good. Wraps.

Early geological atlas of the Yellowstone region. (#27720) \$200.00

Williams, Terry Tempest. **Canyonlands National Park. A Chapter from The Hour of the Land: A Personal Topography of America's National Parks.** Moab, UT: Back of Beyond Books, 2016. Limited Edition. 43 pp. 8vo. Red cloth boards with black embossed titling, square window cut into cover reveals an image of a handprint from a canyon wall photograph that illustrates the endpapers.

Terry Tempest Williams' longest chapter from her book, "The Hour of Land" published in commemoration of the 100th anniversary of the founding of the National Park Service. This limited edition contains five original photographs not included in the trade edition. Printed by hand on a Vandercook Universal III letterpress on Velin D'ARCHES 100% cotton paper mouldmade in France, printed by Rob Buchert at Tryst Press in Provo Utah. Designed by David Jenney Design and bound in a silk blend by Roswell Book Bindery in Phoenix. Limited to 100 copies in celebration of the 100th anniversary of the National Park Service, this is copy #22 signed by Terry Tempest Williams on the colophon. (#27962) \$525.00

Zaitlin, Joyce. **Gilbert Stanley Underwood: His Rustic, Art Deco, and Federal Architecture.** Malibu, CA: Pangloss Press, 1989. First Edition. xi, 185 pp. 8vo. Clean, crisp copy with dust jacket in mylar cover. Fine in Fine dust jacket. Hardcover.

Biography and survey of the work of Gilbert Stanley Underwood (1890-1960), a prolific architect best known for his National Park lodges, including Old Faithful Lodge in Yellowstone National Park and his Art Deco masterpiece, Omaha's Union Station. (#27581) \$100.00

~ PHOTOGRAPHY ~

Avedon, Richard. **An Autobiography.** New York: Random House/Eastman Kodak Professional Photography Division, 1993. First Edition. Second Printing. Unpag. Folio. Clear acetate dust jacket has light scuffing, small crease along top of front panel. Brown cloth boards with scarlet and red titling, absolutely pristine. Fine in Very Good dust jacket. Hardcover.

This stunning summation of Avedon's life in photography is signed boldly by him on the first free endpaper in the year of publication. (#28045) \$250.00

Divola, John. **Dogs Chasing My Can In The Desert.** Tucson, AZ: Nazraeli Press, 2004. First Edition. First Printing. Unpag. Folio. Dust jacket is printed with a wrap around image of a desert enclave and now in mylar cover. Brown cloth boards with endpapers from two color photographs by Divola of the area in which the dogs were photographed. Fine in Fine dust jacket. Hardcover.

A selection from black and white photographs taken by Divola as he drove through the desert in the eastern side of the Morongo Valley in Southern California, photographing dogs chasing his car with one hand, driving with the other. Signed by Divola on the title page. Printed in an edition of 1,000 copies. (#28048) \$400.00

Maisel, David; Strand, Mark (Poem); Fox, William L. **Oblivion.** Portland, OR: Nazraeli Press, 2006. First Edition. First Printing. Unpag. 15 black and white plates. Clean, crisp copy with Maisel's photograph illustration of reprinted on cover. Fine. Hardcover.

Stunning aerial photographs of the Los Angeles area by photographer David Maisel. Photographs take on an almost surveillance-like feel from the height at which they were taken and printed as they appear in the original negative form. The photographs are preceded by Mark Strand's poem, "Black Maps" and ends with an essay by William L. Fox entitled "Shadowlands." (#28047) \$100.00

~ SCIENCE & TECHNOLOGY ~

Abney, William de Wiveleslie; Festing, Edward R. **FIRST PHOTOGRAPHS OF THE SOLAR SPECTRUM IN INFRARED: "The Bakerian Lecture - Colour Photometry" & "The Solar Spectrum, from [gamma] 7150 to [gamma] 10,000"** (Philosophical Transactions of the Royal Society of London, Vol. 177 for the Year 1887, pp. 423-456, 457-460). London: Royal Society of London, 1883. First Edition. iv, [2], vii, [1]-842 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

First photographs of the solar spectrum in the infrared. "Extending his interests to spectroscopy, Abney was the first to suggest (1877) that stars with rapid axial rotation could be detected by broadened lines in their spectra - an idea later to have wide application. He then devised a red-sensitive emulsion and with it made the first spectroscopic analyses of the structure of organic molecules (1882) and the first photographs of the solar spectrum in the infrared (1887)." "Abney, William De Wiveleslie." Complete Dictionary of Scientific Biography. 2008. Encyclopedia.com. 1 Mar. 2016 <<http://www.encyclopedia.com>>. (#27575) \$300.00

Aharanov, Yuri; Bohm, David; Tonomura, Akira. **AHARANOV-BOHM EFFECT: "Significance of Electromagnetic Potentials in the Quantum Theory" and "Observation of Aharonov-Bohm Effect by Electron Holography"** (Physical Review: (Second Series) Vol. 115, No. 3; Vol. 48, No. 21 pp. 485-491, 1443-1446) -- 2 Volumes. Lancaster, PA: The American Physical Society, 1959/1982. First Edition. 485-764, 1443-1506 pp. 4to. Green paper wraps that are clean and crisp. First volume has a red ink library stamp on the cover. Housed in a custom black cloth folio with gold embossed titling to spine. Very Good. Wraps.

The Aharonov-Bohm effect is the quantum mechanical phenomenon that allows a charged particle to be affected by an electromagnetic field that does not exist in the vicinity of the particle, one of the stranger manifestations of quantum mechanics. This set contains the paper that predicted and described this phenomenon (first paper, 1959) and the paper that described the verification of the Aharonov-Bohm effect through the use of electron holography (second paper, 1982). (#27758) \$400.00

Alpher, Ralph; Herman, Robert. **CMB RADIATION TEMPERATURE: "Remarks on the Evolution of the Expanding Universe"** (Physical Review; Volume 75 No. 7, pp. 1089-1095). Lancaster, PA: The American Physical Society, 1949. First Edition. 995-1113 pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spine, small chips at head and foot. Very Good. Wraps.

In this paper, Alpher and Herman predict the temperature of what is now known as the Cosmic Microwave Background Radiation (CMB) to be 5 degrees K. Sixteen years later the CMB was discovered with a temperature of 2.7 degrees K. (#27441) \$500.00

Alpher, Ralph A.; Follin, Jr., James W.; Herman, Robert C. **HORIZON IN COSMOLOGY: "Physical Conditions in the Initial Stages of the Expanding Universe"** (Physical Review: Volume 92 No. 6 pp. 1347-1361). Lancaster, PA: The American Physical Society, 1953. First Edition. 1331-1671 pp. 4to. Green paper wraps with chipping and wear to covers and spine, 2" horizontal tear at midpoint of cover from right edge. First page has a 3" piece missing from the lower right corner, does not impact major article. Otherwise clean within. Very Good. Wraps.

Paper is the first to mention the "horizon" problem in cosmology. (#27453) \$300.00

Appell, Paul. **GIBBS-APPELL EQUATIONS OF MOTION: "Sur les mouvements de roulement; équations du mouvement analogues à celles de Lagrange."** (Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Vol. 129; pp. 317-320). Paris:

Gauthier-Villars, 1899. First Edition. 1341 pp. 4to. Blue cloth board library binding with gold embossed titling, call numbers pasted to spine. Ink library stamp on title page of volume, clean within. Text in French. Very Good. Hardcover.

The Gibbs–Appell equations of motion, developed independently by American scientist Josiah Willard Gibbs (1839–1903) and French mathematician Paul Appell (1855–1930), greatly improve upon the Lagrangian differential equations of motion for systems with multiple constraints and degrees of freedom. (#27673) \$250.00

Baranger, M.; Bethe, H. A.; Feynman, Richard P. **LAMB SHIFT EXPLANATION: “Relativistic Correction to the Lamb Shift” (Physical Review: Volume 92 No. 2 pp. 482-501).** Lancaster, PA: The American Physical Society, 1953. First Edition. 215-546 pp. 4to. Green paper wraps with small chip at base of spine. Very clean and crisp within. Very Good. Wraps.

Derives and explains the relativistic Lamb Shift. (#27452) \$400.00

Bohr, Niels. **BOHR MODEL: "On the Constitution of Atoms and Molecules I, II, and III" (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science [Sixth Series], Vol. XXVI, pp. 1-25, 476-502, 857-875) -- 2 Volumes.** London: Taylor and Francis, 1913, 1914. First Edition. viii, 784, viii, 1044 pp. 8vo. 24 plates & 17 plates. Rebound in an exquisite three quarter leather binding with brown leather spine with four raised bands, gold embossed titling on black leather patch titles, marbled paper insets to cover boards. Only indication of ex-library status is a ink stamp on the title page of the second volume and verso of each of the plates. Very clean within. Fine. Three Quarter Leather.

Niels Bohr's (1885-1962) three papers announcing the Bohr Model of the atom. "On the Constitution of Atoms and Molecules I, II, and III" by Niels Bohr (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science 26 pp. 1-25, 476-502, 857-875, 1913) and

Also contains "The High Frequency Spectra of the Elements Part I" by Henry Moseley (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science 26 pp. 1024-1034, 1913) and "The High Frequency Spectra of the Elements Part II" (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science 27 pp. 703-713, 1914) (#27726) \$6,000.00

Boole, George. **"On the Comparison of Transcendents, with Certain Applications to the Theory of Definite Integrals" (Philosophical Transactions of the Royal Society of London, Vol. 147, pp. 745-803).** London: Royal Society of London, 1857. First Edition. iv, [8], [1]-906, [1], 19 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates, plates were trimmed slightly when rebound. Very Good. Hardcover. (#27518) \$400.00

Bowman, William. **"Additional Note on the Contraction of Voluntary Muscle in the Living Body" (Philosophical Transactions of the Royal Society of London, Vol. 131 for the Year 1841 Part I & Part II, pp. 69-74).** London: Royal Society of London, 1838. First Edition. viii, [1], [1]-10, [1]-312, [12] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also contains Gideon Algernon Mantell's: "Memoir on a portion of the lower jaw of the Iguanodon, and on the remains of the Hylaeosaurus and other Saurians, discovered in the Strata of Tilgate Forest, in Sussex" (pp. 131-151) (#27491) \$500.00

Bowman, William. **BOWMAN'S CAPSULE: "On the Structure and Use of the Malpighian Bodies of the Kidney, With Observations on the Circulation Through That Gland" (Philosophical Transactions of the Royal Society of London, Vol. 132 for the Year 1842 Part I & Part II, pp. 57-80).** London: Royal Society of London, 1838. First Edition. viii, [1], [1]-312, 16, [8] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

William Bowman (1816-1892) won the Royal Society of London's Royal Medal for this paper detailing his discovery of a key component of the nephron, now known as "Bowman's Capsule" which is the first step in the kidney's filtration of blood in the process that results in urine.

Also contains J. Frederic Daniell's: "Sixth Letter on Voltaic Combinations" (pp. 137-155) (#27493) \$500.00

Bush, Vannevar. **"As We May Think" (Life Magazine, Vol. 19, No. 11--September 10, 1945).** Boston, MA: Time Magazine, 1945. First Edition. 144 pp. Folio. Light wear overall, clean and crisp within. Very Good. Half Leather.

A condensed version of Vannevar Bush's (1890-1974) Atlantic Monthly article of July 1945 in which Bush describes his proposed "Memex" system for organizing, storing, retrieving and linking information - a collective memory machine based on the image of the mind. The original paper has been credited with originating the idea of hypertext and the World Wide Web. This publication would have reached an even broader audience than the Atlantic Monthly edition with Life Magazine being the highest circulation magazine at the time. (#27970) \$200.00

Cayley, Arthur. **IMAGINARY DIMENSIONS IN GEOMETRY: "A Sixth Memoir Upon Quantics" (Philosophical Transactions of the Royal Society of London, Vol. 149 for the Year 1859, pp. 61-90).** London: Royal Society of London, 1859. First Edition. vi, [4], 16, [1]-930 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Arthur Cayley (1821-1895) paper describes imaginary dimensions in geometry, builds up on his three papers, "Memoir on the Theory of Matrices" & "A Memoir on the Automorphic Linear Transformation of Bipartite Quadric Function" in our #27536.

Also contains John Gassiot's "On the Stratifications in Electrical Discharges, as Observed in Torricellian and other Vacua.- Second Communication" (pp. 137-160) and William Farr's "On the Construction of Life-Tables, Illustrated by a New Life-Table of the Healthy Districts of England" (pp. 837-878). (#27538) \$950.00

Cayley, Arthur. **"A Supplementary Memoir on the Theory of Matrices" (Philosophical Transactions of the Royal Society of London, Vol. 156 for the Year 1866, pp. 25-35).** London: Royal Society of London, 1866. First Edition. v, [4], 25, [1]-886 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Arthur Cayley's (1821-1895) paper supplementing his earlier paper "Memoire on the Theory of Matrices" (pp. 17-37) in our #27536.

Also contains J. Clerk Maxwell's "The Bakerian Lecture: On the Viscosity or Internal Friction of Air and Other Gases" (pp. 249-268). (#27555) \$750.00

Conversi, M.; Pancini, E.; Piccioni, Oreste; Fermi, Enrico; Teller, Edward; Weisskopf, Victor; Wheeler, John A.; Marshak, Robert; Bethe, Hans. **MESONS, THE PION & THE MUON: "On the Disintegration of Negative Mesons," "The Decay of Negative Mesotrons in Matter," "Mechanism of Capture of Slow Mesons," and "On the Two-Meson Hypothesis"** (Physical Review; Volume 71 No. 3, pp. 209-210; Volume 72 No. 5, pp. 314-315, 320-321; Volume 72 No. 6, pp. 506-509) -- 3 Volumes. Lancaster, PA: The American Physical Society, 1947. First Edition. 145-214, 281-326, 439-539 pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spines. Very Good. Wraps.

The first meson was discovered in 1936. For many years physicists believed this to be the pi meson (now pion) predicted by Yukawa in 1935. Then in 1947, a series of four papers led to the realization that there are in fact two mesons (the pion and the muon) and the one that had been discovered in 1936 is the muon. In the first paper in early 1947, three Italian physicists, Conversi, Pancini and Piccioni, noted unusual results in the decay of cosmic ray mesons. A few months later, Fermi, Teller, Weisskopf, and John Wheeler concluded from these results that the interaction of mesons was much weaker than predicted by theory. Shortly thereafter, Marshak and Bethe built on these findings to propose the two-meson hypothesis. Note: Three of the authors (Fermi, Wheeler and Bethe) became Nobel Laureates. (#27439) \$900.00

Cook, C. W.; Fowler, William A.; Lauritsen, C. C.; Lauritsen, T. **NUCLEOSYNTHESIS IN STARS: "B12, C12, and the Red Giants"** (Physical Review: Volume 107 No. 2 pp. 508-515). Lancaster, PA: The American Physical Society, 1957. First Edition. 333-644 pp. 4to. Green paper wraps that are clean and crisp. Very Good. Wraps.

Astrophysicist Fred Hoyle (1915-2001) proposed a nuclear resonance within carbon that had never been observed but was necessary to the synthesis of heavier elements and convinced William Alfred "Willie" Fowler (1911-1995) and a group of colleagues to conduct the experiment that demonstrated it. In this paper, Fowler and colleagues confirmed the existence of the excited state. (#27455) \$250.00

Crookes, William. **"On Attraction and Repulsion Resulting from Radiation"** (Philosophical Transactions of the Royal Society of London, Vol. 164 for the Year 1874, pp. 501-527). London: Royal Society of London, 1874. First Edition. v, [4], [1]-818 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also contains Latimer Clark's "On a Standard Voltaic Battery" (pp. 1 - 14) and J. Norman Lockyer's: "Researches in Spectrum-Analysis in Connexion with the Spectrum of the Sun. No. III and IV" (pp. 479-494 and 805-813). (#27563) \$300.00

Curie, Marie. **EARLY RADIUM DISCOVERY: "Rayons émis par les composés de l'uranium et du thorium."** (Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Vol. 126, No. 15; pp. 1101-1103). Paris: Gauthier-Villars, 1898. First Edition. 1963 pp. 4to. Paper covered boards, brown cloth spine with bold embossed titling, light scuffing overall. Blind embossed library stamp on first free endpaper, clean throughout. Text in French. Very Good. Hardcover.

Marie Curie (1867-1934) proposes that pitchblende contains an element that is more radioactive than either uranium or thorium. In the following year she concluded that the element is radium. (#27601) \$1,250.00

Curie, Pierre; Laborde, Albert. **RADIOACTIVITY & HEAT: "Sur la chaleur dégagée spontanément par les sels de radium."** (*Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences*, Vol. 136; pp. 673-675). Paris: Gauthier-Villars, 1903. First Edition. 1782 pp. 4to. Paper covered boards with brown leather spine with gold embossed titling, minor chipping to head and foot of spine. Very clean within. Text in French. Very Good. Hardcover.

In 1903, Pierre Curie and Albert Laborde determined that radioactivity releases immense amounts of heat -- 100 calories per gram per hour. (#27681) \$250.00

Daniell, J. Frederic. **"Further Observations on Voltaic Combinations. In a Letter addressed to Michael Faraday"** (*Philosophical Transactions of the Royal Society of London*, Vol. 127 for the Year 1837 Part I & Part II, pp. 141-160). London: Royal Society of London, 1837. First Edition. x, [1]-178, [179]-446 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also contains John Dalton's article, "Sequel to an Essay on the Constitution of the Atmosphere." (pp. 347-363) (#27484) \$500.00

Darwin, George. **"On the Secular Changes in the Elements of the Orbit of a Satellite Revolving about a Tidally Distorted Planet"** (*Philosophical Transactions of the Royal Society of London*, Vol. 171 for the Year 1881, pp. 713-891). London: Royal Society of London, 1881. First Edition. v, [2], [1]-1092 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

George Darwin's (1845-1912) theory of the formation of the moon along with his age calculations (#27568) \$300.00

Dulong, Pierre Louis; Thénard, Louis Jacques. **EARLY PAPER ON CATALYSIS: "Nouvelles observations sur la propriété dont jouissent certains corps de favoriser la combinaison des fluides élastiques."** (*Annales de Chimie et de Physique*; pp. 380-387). Paris: Gauthier-Villars, 1823. First Edition. 448 pp. 8vo. Patterned brown paper covers with red embossed patch title on spine. Light scuffing from shelf wear. Clean within. Numerous plates and illustrations, some folding. Text in French. Very Good. Hardcover.

French chemists Pierre Louis Dulong (1785-1838) and Louis Jacques Thénard (1777-1857) conducted experiments that led them to propose that catalysis is the result of contact between metals and a combustible substance with the reaction taking place at a different temperature for each combination. Dulong and Thénard published two papers on this topic, this being the second. (#27616) \$200.00

De Boisbaudran, Paul-Émile Lecoq; Mendeleev, Dmitri. **DISCOVERY OF GALLIUM: "Caractères chimiques et spectroscopiques d'un nouveau métal, le gallium, découvert dans une blende de la mine de Pierrefitte, vallée d'Argelès (Pyrénées)" & "Remarque à propos de la découverte du gallium"** (*Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences*, Vol. 81; pp. 493-495, 969-972). Paris: Gauthier-Villars, 1875. First Edition. 1450 pp. 4to. Paper covered boards with black cloth spine and red patch titles with gold titling. Clean and crisp within. Text in French. Very Good. Hardcover.

French chemist Paul Émile (François) Lecoq de Boisbaudran (1838-1912) announced his discovery of a new element through a spectrum analysis of sphalerite, an ore of zinc. Later the same year, de Boisbaudran obtained the pure metal through electrolysis and named the element "gallium" from the Latin name for his native land of France. De Boisbaudran was not aware of Dimitri Mendeleev's prediction, but Mendeleev immediately submitted a response to

Comptes Rendus suggesting that gallium is in fact an element that he had predicted ("eka-aluminum"). (#27671) \$350.00

Dulong, Pierre Louis; Thénard, Louis Jacques. **Annales de Chimie et de Physique (5th Series, Volume 15)**. Paris: Gauthier-Villars, 1878. First Edition. 576 pp. 8vo. Patterned brown paper covers with green leather spine, gold embossed titling and horizontal lines. Light scuffing from shelf wear. Clean within. Numerous plates and illustrations, some folding. Text in French. Very Good. Hardcover.

Annual volume of papers by numerous authors on a chemistry and physics, illustrated with numerous plates. (#27617) \$100.00

Einstein, Albert. **EINSTEIN'S "CONTRIBUTIONS TO QUANTUM THEORY:" "Beiträge zur Quantentheorie" (Verhandlungen der Deutschen Physikalischen Gesellschaft im Jahre 1914 Part II pp. 820-828)**. Braunschweig, Germany: Friedr. Vieweg & Sohn, 1914. First Edition. 568-1072 pp. 8vo. Blue cloth covers with wear and scuffing, 1-3/4" tear along upper front hinge, adhesive label at upper right corner of front cover. Endpapers starting to tear at gutter, text block slightly loose in boards, internally clean and crisp. Ex-library with stamp and notations in pencil on title page. Text in German. Good. Hardcover.

Albert Einstein's (1879-1955) introduction of the quantum hypothesis. (#27436) \$250.00

Einstein, Albert; Rupp, Emil. **EINSTEIN-RUPP SCANDAL: "Über die Interferenzeigenschaften des durch Kanalstrahlen emittierten Lichtes" & "Über die Interferenzeigenschaften des Kanalstrahllichtes" by Emil Rupp (Offprint from Sitzungsberichte der Preussischen Akademie der Wissenschaften 25 pp. 334-340 and 341-351)**. Germany: Akademie der Wissenschaften, 1926. First Edition. 334-351 pp. 8vo. Salmon colored wraps with very light fold down center. Very clean within. Very Good. Wraps.

Offprint of Albert Einstein's (1879-1955) paper on his theory on wave-particle duality and German physicist Emil Rupp's (1898-1979) experimental verification of the theory. Rupp's results later were found to have been falsifications; today he is mainly known as the protagonist in one of the biggest scandals in physics in the 20th century. (#27730) \$1,975.00

Einstein, Albert. **THEORETICAL BASIS FOR THE LASER: "Zur Quantentheorie der Strahlung [On the Quantum Theory of Radiation]" (Physikalische Zeitschrift, Vol. 18, pp. 121-128)**. Leipzig, Germany: S. Hirzel, 1917. First Edition. xi, 604 pp. 4to. Black cloth binding with gold embossed titling to spine. Ex-library stamp on title page, the only indication of its former life in an institution. Very clean within. Very Good. Hardcover.

Albert Einstein's (1879-1955) derivation of Planck's law for thermal radiation. Einstein also introduces the possibility of stimulated emission of radiation, the principle behind the laser. (#27729) \$800.00

Elder, Frank R; Gurewitsch, Anatole; Langmuir, Robert V.; Pollock, Herb C. **DISCOVERY OF SYNCHROTRON RADIATION: "Radiation from Electrons in a Synchrotron" (Physical Review; Volume 71 No. 12, pp. 914-915)**. Lancaster, PA: The American Physical Society, 1947. First Edition. 839-944, ix pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spine. Light waffling to top edge of pages from moisture at an earlier date. Does not affect text or overall condition. Very Good. Wraps.

Frank R. Elder and his team's seminal paper on the discovery of synchrotron radiation which is the radiation that results from the radial acceleration of charged particles. (#27440) \$250.00

Euler, Leonhard; Hunter, Henry (Translator). **Letters of Euler to a German Princess, On Different Subjects in Physics and Philosophy (2 Volumes)**. London: H. Murray, 1795. First Edition. First English Edition. lxiii, vi, 515, viii, xxviii, 520 pp. 8vo. 6 plates in Volume I, 14

plates in Volume II. Brown leather spines with gold incised bands, dark brown leather patch title with gold embossed titling. Marbled paper boards with faux-vellume corners. Clean within, light foxing to both text and plates. Very Good. Half Leather.

At the invitation of King Frederick the Great of Prussia, Leonhard Euler (1707–1783) tutored the Princess of Anhalt-Dessau, the king's niece. Over the next several years, Euler wrote more than 200 letters to her on a broad range of subjects relating to physics and mathematics, as well as offering insights into Euler's personality and religious beliefs. (#27713) \$1,950.00

Faraday, Michael. **STEPS TOWARD ELECTRON DISCOVERY: "Experimental Researches in Electricity -- Eleventh, Supplementary Note, Twelfth, Thirteenth & Fourteenth Series" (Philosophical Transactions of the Royal Society of London, Vol. 128 for the Year 1838 Part I & Part II, pp. 1-40, 79-82, 83-124, 125-168, 265-282).** London: Royal Society of London, 1838. First Edition. ix, [1]-59, [1]-414, [8] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Faraday makes an early step toward the discovery of the electron. In 1838, he passed an electrical current through a glass tube containing various gases, and noticed a strange "glow discharge" that occurred at both electrodes as he evacuated the tube. The glows extended from both electrodes for some distance as he increased the evacuation, but it never fully met at the middle. Also see our #27489 for Faraday's "Experimental Researches in Electricity -- Fifteenth Series," # 27495 "Experimental Researches in Electricity -- Eighteenth Series" (pp. 17-32), & #27500 with Faraday's "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series" (pp. 1-62), our #27503 which contains Faraday's "Experimental Researches in Electricity -- Twenty-Second Series" (pp. 1-41), our #27506 which contains "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116), #27513 "Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series" (pp. 25-56, 137-159), #27530 "Experimental Researches in Electricity -- Thirtieth Series" (pp. 159-180),

Also contains, J. Frederic Daniell's article, "Fourth Letter on Voltaic Combinations, with Reference to the Mutual Relations of the Generating and Conducting Surfaces." (pp. 41-56) and Charles Wheatstone's article, "Contributions to the Physiology of Vision. Part the First. On Some Remarkable, and Hitherto Unobserved, Phenomena of Binocular Vision." (pp. 371-394). (#27486) \$1,250.00

Faraday, Michael. **"Experimental Researches in Electricity -- Fifteenth Series" (Philosophical Transactions of the Royal Society of London, Vol. 129 for the Year 1839 Part I & Part II, pp. 1-12).** London: Royal Society of London, 1839. First Edition. iv, [5], [1]-12, [1]-438, [8] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27486 which contains Faraday's "Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series, # 27495 "Experimental Researches in Electricity -- Eighteenth Series" (pp. 17-32), & #27500 with Faraday's "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series" (pp. 1-62), our #27503 which contains Faraday's "Experimental Researches in Electricity -- Twenty-Second Series" (pp. 1-41), our #27505 which contains "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116), #27513 "Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series" (pp.

25-56, 137-159), #27530 "Experimental Researches in Electricity --Thirtieth Series" (pp. 159-180),

Also contains Daniell's "Fifth Letter on Voltaic Combinations, with Some Account of the Effects of a Large Constant Battery" (pp. 89-95) & "On the Electrolysis of Secondary Compounds" (pp. 97-112) (#27489) \$500.00

Faraday, Michael. "**Experimental Researches in Electricity -- Eighteenth Series"** (**Philosophical Transactions of the Royal Society of London, Vol. 133 for the Year 1843 Part I & Part II, pp. 17-32**). London: Royal Society of London, 1843. First Edition. viii, [1]-336, [2] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Crumpling and tears to p. 37/38, does not impact this article. Very Good. Hardcover.

Also see our #27486 which contains Faraday's "Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series, #27489 which contains Faraday's "Experimental Researches in Electricity -- Fifteenth Series" (pp. 1-12), #27500 with Faraday's "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series" (pp. 1-62), our #27503 which contains Faraday's "Experimental Researches in Electricity -- Twenty-Second Series" (pp. 1-41), our #27505 which contains "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), , #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116), #27513 "Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series" (pp. 25-56, 137-159), #27530 "Experimental Researches in Electricity --Thirtieth Series" (pp. 159-180),

Also contains William Robert Grove's "On the Gas Voltaic Battery. Experiments Made with a View of Ascertaining the Rationale of Its Action and Its Application to Eudiometry" (pp. 91-112) Also contains Charles Wheatstone's "The Bakerian Lecture--An account of several new instruments and processes for determining the constants of a voltaic circuit" pp. 303-327 (Wheatstone Bridge); (#27495) \$795.00

Faraday, Michael. **FARADAY EFFECT: "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series"** (**Philosophical Transactions of the Royal Society of London, Vol. 136 for the Year 1846 Part I & Part II, pp. 1-62**). London: Royal Society of London, 1846. First Edition. viii, [1]-647, 11 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Faraday was the first to speculate that light is a form of electromagnetic radiation. In late 1845 he showed that magnetism and light interacted by demonstrating that a strong magnetic field can rotate the plane of polarization of light, a phenomenon now called the "Faraday effect." In the paper that described this experiment Faraday also stated his belief that "The various forms under which the forces of matter are made manifest ... are so directly related and mutually dependent, that they are convertible, as it were, one into another, and possess equivalents of power in their action.

Also see our #27486 which contains Faraday's "Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series, #27489 which contains Faraday's "Experimental Researches in Electricity -- Fifteenth Series" (pp. 1-12), #27495 which contains Faraday's "Experimental Researches in Electricity -- Eighteenth Series" (pp. 17-32), our #27503 which contains Faraday's "Experimental Researches in Electricity -- Twenty-Second Series" (pp. 1-41), our #27505 which contains "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), , #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116), #27513

"Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series" (pp. 25-56, 137-159), #27530 *"Experimental Researches in Electricity --Thirtieth Series"* (pp. 159-180),
Also contains Thomas Graham's *"On the Motion of Gases"* (pp. 573-631). (#27500)
\$600.00

Faraday, Michael. **"Experimental Researches in Electricity -- Twenty-Second Series" (Philosophical Transactions of the Royal Society of London, Vol. 139 for the Year 1849 Part I & Part II, pp. 1-41).** London: Royal Society of London, 1849. First Edition. viii, [1]-523, 15 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27486 which contains Faraday's *"Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series*, #27489 which contains Faraday's *"Experimental Researches in Electricity -- Fifteenth Series"* (pp. 1-12), #27495 which contains Faraday's *"Experimental Researches in Electricity -- Eighteenth Series"* (pp. 17-32), & #27500 *"Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series"* (pp. 1-62), our #27505 which contains *"Experimental Researches in Electricity -- Twenty-Third Series"* (pp. 171-188), #27508 which contains *"Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series"* (pp. 1-116), #27513 *"Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series"* (pp. 25-56, 137-159), #27530 *"Experimental Researches in Electricity --Thirtieth Series"* (pp. 159-180),
Also contains Thomas Graham's *"On the Motion of Gases. Part II"* (pp. 349-391).
(#27503) \$500.00

Faraday, Michael. **"Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (Philosophical Transactions of the Royal Society of London, Vol. 141 for the Year 1851 Part I, pp. 1-116).** London: Royal Society of London, 1851. First Edition. x, [1], [1]-331, [1], clvii pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27486 which contains Faraday's *"Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series*, #27489 which contains Faraday's *"Experimental Researches in Electricity -- Fifteenth Series"* (pp. 1-12), #27495 which contains Faraday's *"Experimental Researches in Electricity -- Eighteenth Series"* (pp. 17-32), #27500 *"Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series"* (pp. 1-62), & #27505 *"Experimental Researches in Electricity -- Twenty-Third Series"* (pp. 171-188), #27513 *"Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series"* (pp. 25-56, 137-159), #27530 *"Experimental Researches in Electricity --Thirtieth Series"* (pp. 159-180),

Also contains William Thomson's *"A Mathematical Theory of Magnetism"* & *"A Mathematical Theory of Magnetism. Continuation of Part I"* (pp. 243-285). (#27508) \$795.00

Faraday, Michael. **LINES OF MAGNETIC FORCE & MAGNETO-ELECTRIC CURRENT: "Experimental Researches in Electricity -- Twenty-Eighth & Twenty-Ninth Series" (Philosophical Transactions of the Royal Society of London, Vol. 142 for the Year 1852 Part I & II, pp. 25-56, 137-159).** London: Royal Society of London, 1852. First Edition. viii, [1]-659, [1], 14 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27486 which contains Faraday's "Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series, #27489 which contains Faraday's "Experimental Researches in Electricity -- Fifteenth Series" (pp. 1-12), #27495 which contains Faraday's "Experimental Researches in Electricity -- Eighteenth Series" (pp. 17-32), #27500 "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series" (pp. 1-62), & #27505 "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116), #27530 "Experimental Researches in Electricity -- Thirtieth Series" (pp. 159-180), #27530 "Experimental Researches in Electricity -- Thirtieth Series" (pp. 159-180),

Also contains Michael Faraday's "Charles Wheatstone's "Contributions to the Physiology of Vision. Part the Second. On Some Remarkable, and Hitherto Unobserved, Phenomena of Binocular Vision (Continued), (pp. 1-17)" James Prescott Joule's "On the Air Engine" (pp. 65-82); Edward Frankland's: "On a New Series of Organic Bodies Containing Metals" (pp. 417-444); George Gabriel Stokes' "On the Change of Refrangibility of Light" (pp.463-562). (#27513) \$1,200.00

Faraday, Michael. **MAGNECRYSTALLIC FORCE: "Experimental Researches in Electricity -- Thirtieth Series"** (Philosophical Transactions of the Royal Society of London, Vol. 146 for the Year 1856 Part I & II, pp. 159-180). London: Royal Society of London, 1856. First Edition. iv, [3], v, [1]-951 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27486 which contains Faraday's "Experimental Researches in Electricity -- Eleventh, Supplemental Note, Twelfth, Thirteenth & Fourteenth Series, #27489 which contains Faraday's "Experimental Researches in Electricity -- Fifteenth Series" (pp. 1-12), #27495 which contains Faraday's "Experimental Researches in Electricity -- Eighteenth Series" (pp. 17-32), #27500 "Experimental Researches in Electricity -- Nineteenth, Twentieth & Twenty-First Series" (pp. 1-62), & #27505 "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188), #27508 which contains "Experimental Researches in Electricity -- Twenty-Fourth, Twenty-Fifth, Twenty-Sixth, & Twenty-Seventh Series" (pp. 1-116).

Also contains G. B. Airy's "Account of Pendulum Experiments Undertaken in the Harton Colliery, for the Purpose of Determining the Mean Density of the Earth" (Volume 146 pp. 297-355, 1856); William Thomson's "The Bakerian Lecture. On the Electro-dynamic Qualities of Metals" (pp. 649-751); and William Andrews' "On the Constitution and Properties of Ozone" (pp. 1-13). (#27530) \$400.00

Fizeau, Hippolyte. **FIZEAU EXPERIMENT: "Sur les hypothèses relatives à l'éther lumineux, et sur une expérience qui paraît démontrer que le mouvement des corps change la vitesse à laquelle la lumière se propage dans leur intérieur."** (Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Vol. 33; pp. 349-355). Paris: Gauthier-Villars, 1851. First Edition. 760 pp. 4to. Pages 721-760 are copies of the original but bound in at rear of library binding. Blue cloth board library binding with gold embossed titling, call numbers pasted to spine. Ink library stamp on title page of volume, clean within. Text in French. Very Good. Hardcover.

Hippolyte Fizeau's (1819-1896) paper on what became known as the "Fizeau Experiment" and the first description of the experiment measuring the speed of light in a moving medium, water. This experiment provided early support that light is a wave, not a particle. (#27670) \$300.00

FitzGerald, George Francis. **"On Maxwell's Equations for the Electro-magnetic Action of Moving Electricity"** (Report of the Fifty-Third Meeting of the British Association for the Advancement of Science; Held at Southport in September 1883). London: John Murray, 1884. First Edition. lxxx, 700, 103, 32 pp. 8vo. Terracotta cloth binding with blind embossed border on front and rear covers, gold embossed titling to spine. Previous owner's bookplate on front pastedown, clean within. Very Good. Hardcover.

George Francis FitzGerald (1851–1901) proposed testing Maxwell's theory by producing electromagnetic waves with an oscillating circuit that would alternately charge and discharge a capacitor. Fitzgerald had calculated that the power of the electromagnetic waves generated in this way would increase with the fourth power of frequency, and this led him to propose a frequency of several million cycles per second and a design of a transmitting antenna. This was the method used by Heinrich Hertz to create and measure electromagnetic waves for the first time. Fitzgerald's first two papers were published as "On the Energy lost by the Radiation from Alternating Electric Currents" and "On a Method of Producing Electromagnetic Disturbances of Comparatively Short Wave-lengths." (#27686) \$150.00

Fresnel, Augustin-Jean. **WAVE THEORY OF LIGHT: "Mémoire sur la diffraction de la lumière, où l'on examine particulièrement le phénomènes des franges colorées que présentent les ombres des corp éclairés par un point lumineux."** (Annales de Chimie et de Physique, 1816; Vol. I, pp. 239-281) -- 3 Volumes. Paris: Gauthier-Villars, 1816. First Edition. 452, 440, 448 pp. 8vo. Volumes I & II have blue paper boards with a brown tape spine; Volume III has the same brown paper spine, but with brown leather covers, also has marbled endpapers. Light scuffing from shelf wear. Clean within. Numerous plates and illustrations, some folding. Text in French. Very Good. Hardcover.

Augustin-Jean Fresnel's (1788-1827) first published paper on light. In it he repeated with more precision the diffraction experiment first performed by Thomas Young, thus supporting the wave theory of light. He also provided the basis for determining the wavelength of light by establishing the algebraic relationship between the wavelength and the spacing of diffraction fringes and made the first tentative speculation about the transverse nature of light waves.

Also contains André Ampère's "D'une Classification naturelle pour les Corps simples" (Annales de Chimie et de Physique I pp. 295–308, 1816); "Suite de l'Essai d'une Classification naturelle pour les Corps simples" (Volume I, pp. 373–394, 1816); and "Suite d'une Classification naturelle pour les Corps simples" (Volume II, pp. 5–32 & 105–125, 1816). (#27599) \$1,750.00

Gaskell, Walter H. **GASKELL'S NERVES: "The Croonian Lecture: On the Rhythm of the Heart of the Frog, and on the Nature of the Action of the Vagus Nerve"** (Philosophical Transactions of the Royal Society of London, Vol. 173 for the Year 1883, Part III, pp. 993-1033). London: Royal Society of London, 1883. First Edition. iv, [4], viii, 751-1419 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

"Gaskell's classical memoir on the muscles and nerves of the heart included a description of 'Gaskell's Nerves,' the accelerator nerves of the heart. He showed that the motor impulses from the nerve ganglia to the sinus venosus influence the heart rhythm but do not originate cardiac movements, which are due to the rhythmic contraction of the heart muscle." (GARRISON-MORTON 829) (#27574) \$950.00

Gassiot, John P. **CATHODE RAYS: "The Bakerian Lecture -- On the Stratifications and Dark Band in Electrical Discharges as observed in Torricellian Vacua"** (Philosophical Transactions of the Royal Society of London, Vol. 148 for the Year 1858, pp. 1-16). London: Royal Society of London, 1858. First Edition. v, [8], 21, [1]-909 pp. 4to. Library binding, tan

leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

John Gassiot (1797-1877) describes an early observation of cathode rays.

Also contains Arthur Cayley's "Memoir on the Theory of Matrices" & "A Memoir on the Automorphic Linear Transformation of Bipartite Quadric Function" (pp. 17-37, 39-52) and Joseph Lister's "An Inquiry Regarding the Parts of the Nervous System Which Regulate the Contractions of the Arteries," "On the Cutaneous Pigmentary System of the Frog," & "On the Early Stages of Inflammation" (pp. 607-625, 627-643, 645-702) (#27535) \$1,500.00

Gauss, Johann Carl Friedrich. **PRINCIPLE OF LEAST CONSTRAINT: "Über ein neues allgemeines Grundgesetz der Machanik"** (**Journal für die reine und angewandte Mathematik 4 pp. 232–235, 1829**). Berlin, Germany: G. Reimer, 1964. Facsimile Edition. iv, 404, 3 plates at rear. 4to. Pages 13-28 misbound at rear between pages 392 & 393, complete. This is a facsimile edition of the original journal, published in 1829. Text in German. Fine. Hardcover.

Johann Carl Friedrich Gauss's (1777-1855) first published paper on his principle of least constraint. (#27618) \$125.00

Glaser, Donald. **BUBBLE CHAMBER: "Some Effects of Ionizing Radiation on the Formation of Bubbles in Liquids"** (**Physical Review: Volume 87 No. 4 p. 665**). Lancaster, PA: The American Physical Society, 1952. First Edition. 547-684 pp. 4to. Green paper wraps that are quite clean inside and out. Very Good. Wraps.

First announcement by Donald Glaser (1926-2013) in print of the invention of the "bubble chamber." Glaser won the 1960 Nobel Prize for Physics for his invention. (#27451) \$400.00

Glauber, Roy J. **"Quantum Theory of Optical Coherence"** (**Physical Review: Volume 130 No. 6 pp. 2529-2539**). Lancaster, PA: The American Physical Society, 1963. First Edition. 2135-2622 pp. 4to. Green paper wraps that are clean and crisp, previous owner's signature in ink on upper right corner of front cover. Housed in custom blue folio with gold titling to cover panel and spine. Very Good. Wraps.

Roy J. Glauber explains the quantum mechanical basis of different types of light, differentiating between laser (coherent) light and normal (blackbody) light. This theory was at first controversial but is now widely used in the field of quantum optics. Glauber received the 2005 Nobel Prize in Physics for this work. (#27682) \$300.00

Gordon, John P.; Zeiger, H. J.; Townes, Charles H. **INVENTION OF THE MASER: "Molecular Microwave Oscillator and New Hyperfine Structure in the Microwave Spectrum of NH₃"** (**Physical Review: Volume 95 No. 1 pp. 282-284**). Lancaster, PA: The American Physical Society, 1954. First Edition. 309 pp. 4to. Green paper wraps that are clean and crisp. Very Good. Wraps.

Announcement of the invention of the maser (Microwave Amplification by Stimulated Emission of Radiation) which is used in radio telescopes and spacecraft as low-noise amplifiers. Townes, Nikolay Bazov, and Alexander Prokhorov later won the 1964 Nobel Prize in Physics for their work leading up to its invention. (#27698) \$1,250.00

Hoffmann, August Wilhelm von. **ISOLATION OF BENZENE FROM COAL TAR: "Ueber Eine Sichere Reaction auf Benzol"** (**Annalen der Chemie und Pharmacie: Volume 55, pp. 200-205**). 1845. First Edition. 370 pp. 8vo. Green marbled paper boards with black cloth spine and gold embossed titling, light scuffing from shelf wear. Interior pages have age toning, otherwise quite clean. Very Good. Hardcover. (#27760) \$100.00

Hogeboom, Amy. **Big Letter ABC Book**. Springfield, MA: McLoughlin Brothers, Inc., 1937. As. Large Oblong Elephant Folio. Colorful card stock book of ABCs. Four children on the front, two boys & two girls, boys playing a drum and horn, girls singing along to sheet music. Wear and chipping to edges, cover has split at spine, held on by one staple. Interior clean with light smudging here and there. Wonderfully evocative of 1930s color and design. Good. Wraps. (#27483) \$75.00

Joule, James Prescott. **"On the Mechanical Equivalent of Heat" (Philosophical Transactions of the Royal Society of London, Vol. 140 for the Year 1850 Part I, pp. 61-82)**. London: Royal Society of London, 1850. First Edition. x, [1]-296 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Important paper in which Joule refines his calculation on the amount of energy he determined as the "expenditure of a mechanical force represented by the fall of 772 lbs. through the space of one foot." (p.82). He established the mean number at 772.692.

Also contains Michael Faraday's "Experimental Researches in Electricity -- Twenty-Third Series" (pp. 171-188). (#27506) \$1,500.00

Joule, James Prescott. **FINAL DETERMINATION OF THE JOULE: "New Determination of the Mechanical Equivalent of Heat" (Philosophical Transactions of the Royal Society of London, Vol. 169 for the Year 1878, pp. 365-383)**. London: Royal Society of London, 1878-1879. First Edition. iv, [2], v, [2], [1]-826 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

James Prescott Joule (1818-1889) presents the "last experimental research of any magnitude that Joule undertook" and includes the results of Joule's final experiments by the direct method of friction. In this paper, Joule presents his final measurement of the mechanical equivalent of heat. It is well worth noting that Joule chose the number '772.55' as an inscription for his gravestone. '772.55' is Joule's climacteric measurement of the mechanical equivalent of heat – the one arrived at in this paper. Also see our #27506 for Joule's earlier paper, "On the Mechanical Equivalent of Heat" (pp. 61-82)

Also contains William Crooke's "The Bakerian Lecture: On Repulsion Resulting from Radiation. Part V" (pp. 243-318); see also our #27563, "On Attraction and Repulsion Resulting from Radiation" (pp. 501-527). (#27566) \$500.00

Kerst, Donald. **BEAM STACKING PROPOSED: "Attainment of Very High Energy by Means of Intersecting Beams of Particles"** (Physical Review: Volume 102 No. 2 pp. 590-591). Lancaster, PA: The American Physical Society, 1956. First Edition. 299-592 pp. 4to. Green paper wraps that are clean and crisp, previous owner's name, "OPPENHEIM, A." stamped in red ink on cover center. Very Good. Wraps.

Donald Kerst (1911-1993) proposed a method for doubling the energy of impacts in particle accelerators by accelerating two beams of particles in opposite directions before allowing them to collide. This technique is called "beam stacking." Prior to this, it was not possible to control two beams of particles circulating in opposite directions. Storage ring colliders use this technique to accelerate particles rotating in opposite directions until they collide. These techniques are now used in most particle accelerators, including the large hadron collider (LHC). (#27683) \$200.00

Laplace, Pierre-Simon. **Oeuvres de Laplace (7 Volumes)**. Paris: Imprimerie Royale, 1843-1847. First Edition. 4to. Marbled paper boards and endpapers, dark burgundy leather spines with four raised bands, gold embossed lines, decoration, and titling to spine. Light scuffing from shelf wear. Small stain to lower corner of Volume 7, dampstain to rear plate of Volume 4 which impacts figures. Very clean within. Very Good. Quarter Leather.

The first compilation of Pierre-Simon Laplace's (1749-1827) works, initiated by Laplace's widow and subsidized by the state of France. The first five volumes contain a reprint of "Mécanique Céleste" in its entirety and the final two volumes contain his other major works: "Exposition du Système du Monde," "Théorie analytique des probabilités," and "Essai philosophique sur les probabilités." (#27759) \$3,000.00

Lebedev, Pyotr. **PRESSURE OF LIGHT: "Untersuchungen über die Druckkräfte des Lichtes" (Annalen der Physik: Vol. 6, pp. 433-458)**. Leipzig, Germany: Johann Ambrosius Barth, 1901. First Edition. viii, 876 pp. 8vo. Recent brown three quarter leather binding with dark leather spine and corners, four raised bands at spine with gold tilting. Interior clean with the only indication of ex-library being the "Withdrawn" stamp on the title page. Text in German. Very Good. Three Quarter Leather.

Pyotr Lebedev (1866-1912) used a very sensitive experiment to confirm Maxwell's prediction of the radiation pressure of light, and announced the finding at the World Physics Congress in Paris. (#27717) \$1,000.00

Lennard-Jones, John. **LINNEAR COMBINATION OF ATOMIC ORBITALS: "The Kiepenheuer, Karl-Otto. "Cosmic Rays as the Source of General Galactic Radio Emission" (Physical Review; Volume 79 No. 4, pp. 738-739)**. Lancaster, PA: The American Physical Society, 1950. First Edition. 549-746 pp. 4to. Green paper wraps that are quite clean inside and out. Very Good. Wraps.

German astrophysicist Karl-Otto Kiepenheuer (1910-1975) proposed that synchrotron radiation emanates from strong magnetic fields in interstellar space rather than radio stars.

Issue also contains Willis E. Lamb, Jr., and Robert C. Retherford's article, "Fine Structure of the Hydrogen Atom: I" (pp. 549-572). (#27445) \$200.00

Lennard-Jones, John

Molecular Orbital Theory of Chemical Valency: I. The Determination of Molecular Orbitals" & "The Molecular Orbital Theory of Chemical Valency: II. Equivalent Orbitals in Molecules of Known Symmetry." (Philosophical Transactions of the Royal Society of London, Vol. 198, No. 1052, pp. 1-13, 14-26). Cambridge, England: Royal Society of London, 1949. First Edition. iv, 140 pp. 8vo. Gray paper wraps with library stamp in red at upper right corner of cover, small note in pencil at foot of cover. Interior clean. Very Good. Hardcover.

Sir John Lennard-Jones (1894-1954) showed how to use the "linear combination of atomic orbitals" (LCAO) approximation for molecular orbitals to derive the electronic structure of complex molecules such as fluorine and oxygen in addition to simpler molecules. (#27685) \$200.00

Lockyer, J. Norman. **HELIUM IN THE SUN: "Spectroscopic Observations of the Sun. -- No. II" (Philosophical Transactions of the Royal Society of London, Vol. 159 for the Year 1869, pp. 425-444)**. London: Royal Society of London, 1869. First Edition. iv, v, [4], [4], 28, [1]-812 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

J. Norman Lockyer's (1836-1920) paper explaining his discovery of helium in the sun.

Also contains Thomas Andrews' "The Bakerian Lecture: On the Continuity of the Gaseous and Liquid States of Matter" (pp. 575-590). (#27557) \$1,500.00

Lockyer, J. Norman. **"Researches in Spectrum-Analysis in Connexion with the Spectrum of the Sun. I & II"** (*Philosophical Transactions of the Royal Society of London, Vol. 163 for the Year 1873, pp. 253-279, 639-658*). London: Royal Society of London, 1873. First Edition. iv, [2], iv, [4], [1]-662 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover. (#27561) \$500.00

Lockyer, J. Norman. **"Researches in Spectrum-Analysis in Connexion with the Spectrum of the Sun. No. V"** (*Philosophical Transactions of the Royal Society of London, Vol. 172 for the Year 1882, pp. 561-576*). London: Royal Society of London, 1882. First Edition. iv, v, [2], [1]-922 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Also see our #27565, Lockyer's "Researches in Spectrum-Analysis in Connexion with the Spectrum of the Sun. No. III and IV" (pp. 479-494, 805-8130).

Also contains George H. Darwin's "On the Tidal Friction of a Planet Attended by Several Satellites, and on the Evolution of the Solar System" (pp. 491-535). (#27571)
\$300.00

Mansfield, Charles Blackford. **BENZENE PRODUCTON FROM COAL TAR: "Untersuchung des Steinkohlentheers"** (*Annalen der Chemie und Pharmacie: Volume 69, pp. 162-180*). 1849. First Edition. 372 pp. 8vo. Green marbled paper boards with black leather spine and gold embossed titling that has chipped and faded, light scuffing from shelf wear. Interior pages have age toning, otherwise quite clean. Very Good. Hardcover. (#27761) \$100.00

Mantell, Gideon Algernon. **STUDY OF DINOSAURS BEGINS: "Memoir On a Portion of the Lower Jaw of the Iguanodon, and on the Remains of the Hylæosaurus and other Saurians, Discovered in the Strata of Tilgate Forest, in Sussex"** (*Philosophical Transactions of the Royal Society of London, Vol. 131 for the Year 1841 Part I & Part II, pp. 131-151*). London: Royal Society of London, 1838. First Edition. viii, [1], [1]-10, [1]-312, [12] pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

See also our #27502 "On the Structure of the Jaws and Teeth of the Iguanodon" (pp. 183-202).

Also contains William Bowman's "Additional Note on the Contraction of Voluntary Muscle in the Living Body" (pp. 69-74) (#27492) \$500.00

Mantell, Gideon Algernon. **STUDY OF DINOSAURS CONTINUES: "On the Structure of the Jaws and Teeth of the Iguanodon"** (*Philosophical Transactions of the Royal Society of London, Vol. 138 for the Year 1848 Part I & Part II, pp. 183-202*). London: Royal Society of London, 1848. First Edition. x, [8], [1]-10, [1]-284, 14 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Includes numerous plates illustrating Mantell's paper.

See also our #27492 "Memoir On a Portion of the Lower Jaw of the Iguanodon, and on the Remains of the Hylæosaurus and other Saurians, Discovered in the Strata of Tilgate Forest, in Sussex" (Philosophical Transactions of the Royal Society of London, Vol. 131 for the Year 1841 Part I & Part II, pp. 131-151) (#27502) \$300.00

Millikan, Robert A. **FIRST PRECISE MEASUREMENT OF ELECTRON CHARGE: "A New Modification of the Cloud Method of Determining the Elementary Electrical Charge and the Most Probable Value of That Charge"** (*The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science [Sixth Series], Vol. XIX, pp. 209-228*). London: Taylor and Francis, 1910. First Edition. viii, 924 pp. 8vo. 13 Plates. Rebound in an exquisite three quarter leather binding with brown leather spine with four raised bands, gold embossed titling on black leather patch titles, marbled paper insets to cover boards. Only indication of ex-library status is a small red ink stamp on verso of title page and verso of last folding plate. Very clean within. Fine. Three Quarter Leather.

Robert Millikan (1868-1953), in his first "balanced droplet" experiment using water (before his use of oil), provided the first definitive proof that electric charge is made up of elementary indivisible quantities, and that the charge is not a statistically averaged quantity. From his experiment, the value of e, the electron charge, could be readily determined. For his study of the electronic charge and the photoelectric effect, Millikan won the 1923 Nobel Prize for Physics. Also includes articles by J.J. Thomson, Ernest Rutherford, and others. (#27724) \$990.00

Nafe, Jack; Nelson, Edward; Rabi, Isador. **G-FACTOR DISCREPANCY: "The Hyperfine Structure of Atomic Hydrogen and Deuterium"** (*Physical Review; Volume 71 No. 12, pp. 914-915*). Lancaster, PA: The American Physical Society, 1947. First Edition. 839-944, ix pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spine. Very Good. Wraps.

Polykarp Kusch and Michael Foley measured the electron's intrinsic magnetic moment for the first time in late 1946. Then, in 1947, Karp, Foley and a team of scientists from Columbia University discovered a small discrepancy (on the order of one part in 2000) between Dirac's prediction and the actual size of the spin g-factor, implying the existence of an "anomalous magnetic moment." Isador Rabi presented this discrepancy at the Shelter Island meeting in June 1947, and Kusch and Foley went on to confirm the g-factor discrepancy in other elements. This is the paper that first identified a possible g-factor discrepancy. (#27438) \$200.00

Niépce de Saint-Victor, Abel. **ALMOST DISCOVERY OF RADIOACTIVITY: "Cinquième Mémoire sur une action de la lumière inconnue jusqu'ici."** (*Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences, Vol. 53; pp. 33-35*). Paris: Gauthier-Villars, 1861. First Edition. 1332 pp. 4to. Original brown paper wraps. Clean and crisp within. Text in French. Very Good. Hardcover.

Abel Niépce de Saint-Victor (1805-1870) noted during work in the darkroom that certain metal salts would expose photographic emulsions. Radioactivity wouldn't be identified and named until 1896 by Henri Becquerel. (#27672) \$200.00

Parsons, William (Lord Oxmantown). **"An Account of Experiments on the Reflecting Telescope"** (*Philosophical Transactions of the Royal Society of London, Vol. 130 for the Year 1840 Part II, pp. 503-528*). London: Royal Society of London, 1840. First Edition. [xi]-[xii], [xi]-[xii], [iii]-viii, [2], [1]-14, [1]-620, [8] pp. 4to. Library binding, tan leather spine with gold embossed titling, scuffing and tears where call numbers have been removed. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Quarter Leather.

William Parson's (1800-1867) article outlining his design and construction of the reflecting telescope that provided him with the technology to make his observations and first identification of the spiral nebulae disseminated by him in our #27507, "Observations on the Nebulae" (Philosophical Transactions of the Royal Society of London, Vol. 140 for the Year 1850 Part II, pp. 499-514) (#27509) \$1,000.00

Parsons, William (Earl of Rosse). **FIRST SPIRAL NEBULAE OBSERVATION: "Observations on the Nebulae"** (*Philosophical Transactions of the Royal Society of London, Vol. 140 for the Year 1850 Part II, pp. 499-514*). London: Royal Society of London, 1850. First Edition. vii, [297]-844, 13 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

William Parson's (1800-1867) paper first identifies the spiral nebulae.

See also our #27509 by Parsons, credited as Lord Oxmantown, in his 1840 article "An Account of Experiments on the Reflecting Telescope" (Philosophical Transactions of the Royal Society of London, Vol. 130 for the Year 1840 Part II, pp. 503-527), which provided the technology enabling him to identify the spiral nebulae. (#27507) \$500.00

Planck, Max. **BIRTH OF QUANTUM THEORY: "Ueber das Gesetz der Energieverteilung im Normalspectrum"** (*Annalen der Physik: Vol. 4, pp. 553-563*). Leipzig, Germany: Johann Ambrosius Barth, 1901. First Edition. viii, 856 pp. 8vo. Recent brown three quarter leather binding with dark leather spine and corners, four raised bands at spine with gold tilting. Interior clean with the only indication of ex-library being the "Withdrawn" stamp on the title page. Text in German. Very Good. Three Quarter Leather.

Max Planck's (1858-1947) famous first paper on quantum theory.

Volume also contains Einstein's first paper, "Folgerungen aus den Capillaritätserscheinungen" (pp. 513-523). (#27718) \$6,000.00

Preece, William Henry. **EDISON EFFECT: "On a peculiar behaviour of glow lamps when raised to high incandescence"** (*Proceedings of the Royal Society of London, Vol. 38, No. 236, pp. 219-230*). London: Harrison & Sons, 1885. First Edition. ix, [1], 506, xl pp. 8vo. Black leather spine with five raised bands, green leather patch title with gold embossed titling, library call number in white ink at base, marbled paper insets to boards. Ex-Library bookplate on front pastedown. Very clean within. Very Good. Three Quarter Leather.

William Henry Preece (1834-1913), confirmed Thomas Edison's experiments demonstrating thermionic emission, and coined the term "Edison Effect." (#27714) \$300.00

Raman, C. V. **RAMAN SCATTERING: "A new Type of Secondary Radiation"** (*Nature; Vol. 121, No. 3048 pp. 501-502*). London: Macmillan and Co., 1928. First Edition. [1], xcvi-c, 489-506, v-xvi (Supplement), 507-524, ci-civ pp. 8vo. Original wraps with no outer wrap. Wear and chipping to edges, staining around staples from rust, small cellophane tape repair at base of spine on outer wrap. . Clean within. Very Good. Wraps.

Announces the "Raman Effect," the inelastic scattering of light, one of the most important indications of the quantum nature of light. C. V. Raman (1888-1970) received the 1930 Nobel Prize in Physics for this work. (#27731) \$600.00

Rayleigh, Lord [John William Strutt]. **PERCEPTION OF SOUND: "On the Amplitude of Sound-waves"** (*Proceedings of the Royal Society of London, Vol. 26 No. 181, pp. 248-249*). London: Royal Society of London, 1877. First Edition. ix, v, 569 pp. 8vo. Blue cloth binding with gold embossed titling to spine. Fine. Hardcover.

Rayleigh's seminal analysis of the perception of sound. Basis for his famous book on the topic "The Theory of Sound" (1877/1878). (#27435) \$300.00

Reynolds, Osborne. **REYNOLDS NUMBER: "An Experimental Investigation of the Circumstances Which Determine Whether the Motion of Water Shall be Direct or Sinuous, and of the Law of Resistance in Parallel Channels"** (*Philosophical Transactions of the*

Royal Society of London, Vol. 174 for the Year 1884, pp. 935-982). London: Royal Society of London, 1884. First Edition. iv, [2], viii, [1]-988 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Osborne Reynolds' (1842-1912) paper explaining what became known as "Reynolds Number," the ratio of inertial to viscous forces which he determined through his experiments of liquid through pipes. (#27569) \$500.00

Robertson, Howard Percy. **HUBBLE'S LAW BEFORE HUBBLE: "On relativistic cosmology" (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science [Seventh Series], Vol. V, pp. 835-848).** London: Taylor and Francis, 1928. First Edition. ix, 1272 pp. 8vo. 21 Plates. In original brown buckram full cloth binding with gold embossed titling to spine. Only indication of ex-library status is a blind embossed library stamp on the title page and the checkout slip pasted to the last free endpaper. Very clean within. Fine. Three Quarter Leather.

"Hubble's Law" is the linear relationship between the velocity with which distant celestial objects are receding from us and their distance from us. It is named Hubble's law because American astronomer Edwin Powell Hubble was the first to convincingly demonstrate this law and illustrate it clearly with a chart.

Hubble was not the first to consider a linear relationship between velocity and distance. A few others preceded him, most notably American physicist Howard Percy Robertson (1903-1961). In 1928, a year before Hubble proposed his "law," Robertson proposed the relationship based on his analysis of Einstein's general theory of relativity and verified it with data from Slipher and Hubble. (#27757) \$350.00

Robson, John M. **"Radioactive Decay of the Neutron" (Physical Review; Volume 77 No. 5, p. 747).** Lancaster, PA: The American Physical Society, 1950. First Edition. 575-764 pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spine, pencil notation of date at upper right corner of cover. Very Good. Wraps.

John M. Robson's (1900-1982) paper contains the first report of the decay of a free neutron. (#27442) \$100.00

Royal Society of London. **Philosophical Transactions of the Royal Society of London, Vol. 141 For the Year 1851, Part II.** London: Royal Society of London, 1851. First Edition. vii, [333]-771, [1]-14 pp. 4to. Library binding, tan leather spine with gold embossed titling, scuffing. Interiors clean, ex-library stamp on verso title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Quarter Leather.

This full volume of papers by numerous authors on a variety of subjects including medicine, natural history, physics, mathematics and archaeology, illustrated with numerous plates. (#27511) \$250.00

Royal Society of London. **Philosophical Transactions of the Royal Society of London, Vol. 161 For the Year 1871.** London: Royal Society of London, 1871. First Edition. iv, [4], iv, [4], [1]-726, pp. 4to. Library binding, tan leather spine with gold embossed titling, scuffing. Interiors clean, ex-library stamp on title page and verso, also occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Quarter Leather.

This full volume of papers by numerous authors on a variety of subjects including medicine, natural history, physics, mathematics and archaeology, illustrated with numerous plates. (#27559) \$250.00

Royal Society of London. **Philosophical Transactions of the Royal Society of London, Vol. 162 For the Year 1872.** London: Royal Society of London, 1872. First Edition. iv, [4], iv, [4], [1]-501, pp. 4to. Library binding, tan leather spine with gold embossed titling, scuffing. Interiors clean, ex-library stamp on title page and verso, also occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Quarter Leather.

This full volume of papers by numerous authors on a variety of subjects including medicine, natural history, physics, mathematics and archaeology, illustrated with numerous plates. (#27560) \$250.00

Royal Society of London. **Philosophical Transactions of the Royal Society of London, Vol. 168 For the Year 1878, Part I.** London: Royal Society of London, 1878. First Edition. ix, [1]-579, pp. 4to. Library binding, tan leather spine with gold embossed titling, scuffing. Interiors clean, ex-library stamp on title page and verso, also occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Quarter Leather.

This full volume of papers by numerous authors on a variety of subjects including medicine, natural history, physics, mathematics and archaeology, illustrated with numerous plates. (#27534) \$250.00

Russell, Henry Norris. **HERTZSPRUNG-RUSSELL (H-R) DIAGRAM: "Relations between the Spectra and Other Characteristics of the Stars" (Popular Astronomy Vol. 22, No. 5 & 6; pp. 275-294, 331-350) -- 2 Volumes.** Northfield, MN: Goodsell Observatory of Carleton College, 1914. First Edition. [6], [261]-330, [4]; [8][331]-390, [4] pp. Light gray paper wraps with minor browning to edges, fraying and chipping along spine, ink library stamp on cover of each volume. Clean within. Very Good. Wraps.

The Hertzsprung-Russell diagram (or H-R diagram) is a scatter diagram showing the relationship between the intrinsic luminosity (brightness) of stars and their temperatures (as indicated by their "spectral type" or color). The diagram presents stellar evolution--a star begins its life in one place on the chart and moves across the chart during its lifetime. The H-R relationship was discovered independently by Einer Hertzsprung and Henry Norris Russell. This two part paper contains a presentation by Russell on his research and H-R diagram. (#27728) \$700.00

Rutherford, Ernest. **DISCOVERY OF THE ATOMIC NUCLEUS: "The Scattering of Alpha and Beta Particles by Matter and the Structure of the Atom" (The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science [Sixth Series], Vol. XXI, pp. 669-688).** London: Taylor and Francis, 1911. First Edition. vii, [1], 784 pp. 8vo. 7 Plates. Rebound in an exquisite three quarter leather binding with brown leather spine with four raised bands, gold embossed titling on black leather patch titles, marbled paper insets to cover boards. Only indication of ex-library status is a blind embossed stamp on the title page. Very clean within. Fine. Three Quarter Leather.

Seminal paper in the history of nuclear physics in which Ernest Rutherford (1871-1937) determines that the atom has a nucleus that is 1/100,000 the size of the atom. (#27725) \$4,000.00

Snell, Arthur H.; Pleasonton, Frances, McCord, R. V.; Robson, John M. **"Radioactive Decay of the Neutron" & "Radioactive Decay of the Neutron" (Physical Review; Volume 78 No. 3, pp. 310-311, 311-312).** Lancaster, PA: The American Physical Society, 1950. First Edition. 189-362 pp. 4to. Green paper wraps that are quite clean inside and out, very minor age toning to spine, pencil notation of date at upper right corner of cover. Very Good. Wraps.

The first of these papers confirmed the decay of a free neutron. The second paper by John M. Robston, the scientist who observed the first decay, comments on the confirmation. (#27443) \$200.00

Stoney, George Johnstone. **X-RAYS ARE ELECTROMAGNETIC RADIATION: "Evidence that Röntgen Rays are Ordinary Light"** (The London, Edinburgh, and Dublin **Philosophical Magazine and Journal of Science [Fifth Series], Vol. XLV, pp. 532-536**). London: Taylor and Francis, 1898. First Edition. vii, [1], 548 pp. 8vo. 24 Plates . Original brown leather spine with five raised bands, red and black leather patch titles with gold embossed titling, marbled paper insets to covers. Wear and scuffing to covers. Bookplate on front pastedown only indication of ex-library status, clean within. Fine. Hardcover.

George Johnstone Stoney (1826-1911) proposes that x-rays are electromagnetic radiation.

Volume also contains: "Measurements concerning Radiation-Phenomena in the Magnetic Field: I" by Pieter Zeeman (pp. 197-201, 1898), "Radiation Phenomena in the Magnetic Field" by Thomas Preston (pp. 325-339) and "Radiation in a Magnetic Field" by Albert Michelson (pp. 348-356). (#27716) \$690.00

Thomson, William (Lord Kelvin). **JOULE-THOMSON EFFECT: "On the Thermal Effects of Fluids in Motion"** (Philosophical Transactions of the Royal Society of London, Vol. 143 for the Year 1853 Part I & II, pp. 357-365). London: Royal Society of London, 1853. First Edition. iv, [1]-566, [1]-15 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Thomson's important paper that explains what became known as the Joule-Thomson Effect: the change in temperature of a gas when passed through a porous plug or valve. Also known as the "throttling process."

Also contains George Gabriel Stokes' "On the Change of Refrangibility of Light.- No. II" (pp.385-386) and J. C. Adams' "On the Secular Variation of the Moon's Mean Motion" (pp. 397-406). (#27527) \$950.00

Tyndall, John. **DIAMAGNETIC POLARITY: "The Bakerian Lecture: On the Nature of the Force by Which Bodies Are Repelled from the Poles of a Magnet; to Which is Prefixed, an Account of Some Experiments on Molecular Influences"** (Philosophical Transactions of the Royal Society of London, Vol. 145 for the Year 1855, pp. 1-51). London: Royal Society of London, 1855. First Edition. x, [8], [1]-10, [1]-424, 27 plates, 16 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.

Plates I-III at rear also illustrate article. (#27512) \$300.00

Urey, Harold; Brickwedde, Ferdinand G.; Murphy, George M. **DISCOVERY OF "HEAVY WATER": "Hydrogen Isotope of Mass 2 and Its Concentration"** (Physical Review; Volume 40 No. 1, p. 1-15; Volume 40 No. 6, pp. 889-890). Minneapolis, MN: The Physical Review, 1932. First Edition. vi, 1078 pp. 8vo. Black cloth spine with gold titling to spine, call number in small round label at base, marbled boards. Ex-library stamp on title page from the University of Berlin which includes the Nazi swastika and eagle in the design. Interior quite clean. Very Good. Hardcover.

Urey's second and third papers on the discovery of deuterium oxide (heavy water).

This volume also contains: "The Production of High Speed Light Ions without the Use of High Voltages" by Ernest O. Lawrence and M. Stanley Livingston (Physical Review; 40 No. 1,

pp. 19–35); “Cosmic-Ray Energies and Their Bearing on the Photon and Neutron Hypotheses” by Robert A. Millikan and Carl D. Anderson (*Physical Review*; Volume 40 No. 3, pp. 325-328); “Double Stern–Gerlach Experiment and Related Collision Phenomena” by Nathan Rosen and Clarence Zener (*Physical Review* 40 pp. 502–507) (#27430) \$450.00

Ward, John C. **WARD-TAKAHASHI IDENTITY: “Renormalization Theory of the Interactions of Nucleons, Mesons, and Photons”** (*Physical Review*; Volume 84 No. 5, pp. 897-902). Lancaster, PA: The American Physical Society, 1951. First Edition. 869-1078 pp. 4to. Green paper wraps that are quite clean inside and out. Small chip to lower right corner of front cover, 1" loss at upper left corner of rear cover, 1/2" loss at head of spine. Very Good. Wraps.
John C. Ward (1924-2000) develops the "Ward Identity" into a renormalization approach. (#27446) \$200.00

Wheeler, John A. **WORMHOLES & QUANTUM FOAM: “Geons”** (*Physical Review: Volume 97 No. 2 pp. 511-536*). Lancaster, PA: The American Physical Society, 1955. First Edition. 255-570 pp. 4to. Green paper wraps that are clean and crisp. Very Good. Wraps.
In 1955, American theoretical physicist John Wheeler (1911–2008) coined the term “wormhole” and developed the now-familiar wormhole diagram and also used the term “quantum foam” for the first time. (#27454) \$300.00

Yang, Chen-Ning; Mills, Robert. **YANG-MILLS THEORY: “Conservation of Isotopic Spin and Isotopic Gauge Invariance”** (*Physical Review: Volume 96 No. 1 pp. 191-195*). Lancaster, PA: The American Physical Society, 1954. First Edition. 242 pp. 4to. Green paper wraps that are clean and crisp. Very Good. Wraps.
Yang–Mills theory that has been called “the most important cornerstone of theoretical physics.” Gauge theory was extended to non-Abelian groups by the seminal work of the American physicist Chen-Ning Yang. (#27699) \$625.00

Young, James; Forbes, George. **SPEED OF LIGHT: "Experimental Determination of the Velocity of White and of Coloured Light"** (*Philosophical Transactions of the Royal Society of London, Vol. 173 for the Year 1883, Part I & II, pp. 231-289*). London: Royal Society of London, 1883. First Edition. iv, [2], viii, [1]-749 pp. 4to. Library binding, tan leather spine with gold embossed titling. Interiors clean, ex-library stamp on title page, and occurring sporadically within. Numerous folding plates that illustrate articles. Pages were trimmed slightly when rebound. Very Good. Hardcover.
Another determination of the speed of light using an improved version of Fizeau-Foucault Apparatus. (#27573) \$300.00

Zeeman, Pieter; Preston, Thomas. **ZEEMAN EFFECT & ANOMALOUS ZEEMAN EFFECT: “Measurements Concerning Radiation-Phenomena in the Magnetic Field: I” and “Radiation Phenomena in the Magnetic Field”** (*The London, Edinburgh, and Dublin Philosophical Magazine and Journal of Science [Fifth Series], Vol. XLV, pp. 197-207, 325-339*). London: Taylor and Francis, 1898. First Edition. vii, [1], 548 pp. 8vo. 24 Plates. Original brown leather spine with five raised bands, red and black leather patch titles with gold embossed titling, marbled paper insets to covers. Wear and scuffing to covers. Bookplate on front pastedown only indication of ex-library status, clean within. Fine. Hardcover.
Two articles on the Zeeman Effect and Anomalous Zeeman Effect.
Volume also contains “Evidence that Röntgen Rays are Ordinary Light” by George Johnstone Stoney pp. 532-536, 1898) and “Radiation in a Magnetic Field” by Albert Michelson (pp. 348-356). (#27715) \$500.00

Zwicky, Fritz. **PREDICTION OF GRAVITATIONAL LENSING: "Nebulae as Gravitational Lenses"** (Physical Review: Volume 51 No. 4 p. 290). Lancaster, PA: The American Physical Society, 1937. First Edition. 217-292 pp. 4to. Green paper wraps that are clean and crisp. Very Good. Wraps.

Fritz Zwicky's (1898-1974) prediction of the use of Nebulae as gravitational lenses (first paper on gravitational lensing). (#27697) \$525.00

~ TEXTILES ~

Instruction générale pour la teinture des laines et manufactures de laine de toutes couleurs, et pour la culture des drogues ou ingrédients qu'on y employe. Rouen, France: Jean-B. Besongne, 1699. As. Possibly Third Edition. 198, [18] pp. 16mo. Recent full leather binding in the style of the late 17th century, five raised bands, blind embossed borders to front and rear covers, black leather patch title with gold embossed titling. Very clean within. Text in French. Housed in a custom cardstock slipcase with the title page reproduced on the front cover. Very Good. Full Leather.

An early French guide for the dyeing of wool. (#27666) \$500.00

Bronson, J.; Bronson, R. **The Domestic Manufacturer's Assistant, and Family Directory, in the Arts of Weaving and Dyeing...** Utica, NY: William Williams, 1817. First Edition. 204 pp. 12mo. Full leather binding with considerable wear and scuffing, front board holding on by cords, rear board starting, leather patch title missing from spine. Horizontal tear to first free endpaper, spotting to endpapers, general toning throughout. Housed in a custom clamshell box. Good. Full Leather.

A fascinating early American textbook for those in the textile industry. Descriptions of equipment, weaving patterns, dyeing instructions. (#27667) \$450.00

Daniel Waite & Co. **The New American Dier or, An Entirely New and Superior Method of Dying Woollen Cloths.** Brookfield, MA: E. Merriam & Co., 1815. First Edition. viii, [9]-80, [3] pp. 16mo. Full leather binding with wear and scuffing, front hinge starting. Bookseller label on upper left corner of front pastedown, notes in pencil on first free endpaper. Early ownership signature on title page that has faded and bled with time. Toning throughout due to the paper quality, yet quite clean. Housed in a custom clamshell box. Good. Full Leather.

An early American dyeing manual for the textile industry. (#27668) \$750.00

Kamakura, Yoshitaro. **Ko Ryūkyū Katagami "Ancient Ryūkyū Textile Patterns"** (古琉球型紙) -- **5 Volumes.** Kyoto, Japan: Kyoto Shoin, Shōwa 39 [1964]. As. First published by Kyoto Shoin in 1958 with subsequent publishing in 1959, 1964, and 1974, this is the 1964 edition. Vol. 1: 21, 40; Vol. 2: 50; Vol. 3: 51-100; Vol. 4: 101-150; Vol. 5: 151-200 pp. Folio. Bound in deep blue and white cloth featuring a floral and bird pattern; paper title labels in Japanese characters pasted to front cover of each volume, gold embossed title and publisher name on spines. The first volume is entitled "Research into Ancient Ryūkyū Textile Patterns," featuring text and both color plates and black and white photographs of kimonos and various cloth patterns as well as photographs of paintings and scrolls and one drawing. The next four volumes contain only color and black and white plates of patterns. Very Good. Hardcover.

Yoshitaro Kamakura (1898-1983) was designated a Living National Treasure for his accomplishments in traditional resist-dyeing. Kamakura was also an important academic of Okinawan culture and history, often publishing on the subject. (#27773) \$1,750.00

Nagai, Akio; Tanaka, Kichinosuke; Yoshioka, Tsuneo. **Komon Gohyakusen "500 Selections of Fine Patterns"** (名物裂類集) -- **2 Volumes**. Kyoto, Japan: Folk Art Fabric Picture Book Publication Company, Hakuo Corporation, Shōwa 41 [1966]. As. Editions published in 1966 and 1968. Vol. 1: 1-70; Vol. 71-122 pp. Folio. Bound in navy blue cloth with gold embossed title and volume numbers on front cover and spines. All black and white plates. Vol. 1 contains parts 1, 2, and 3, and features light green page trim. Vol. 2 contains parts 4 and 5, and has light pink page trim. Housed in the original cardboard slipcase with paper title labels, general soiling overall bumping to edges, in very good condition. Very Good. Hardcover. (#27775) \$450.00

Someto, Akashi; Nakagawa, Isaku. **Ryūkyū Senshoku Meihinshū "Collection of Ryūkyū Textile Masterpieces"** (琉球染織名品集) -- **2 Volumes**. Kyoto, Japan: Kyoto Shoin, Shōwa 39 [1964]. As. First published by Kyoto Shoin in 1955 with subsequent publishing in 1961, this is the 1964 edition. [8] pp. 35 plates, 36-70 plates. Folio. Bound in blue cloth with an orange, yellow and white floral pattern reminiscent of the plates within; paper title labels in Japanese characters pasted to front cover of each volume, red silk ties complete the Japanese-style binding. Sunning to spines, light scuffing to boards. Color plates of textile designs tipped into blind embossed frames on each page. Very Good. Hardcover.

Volume 1 includes English and French versions of J. P. Howchecorne's ruminations on Okinawan textiles. (#27771) \$750.00

Tsutomu, Ema. **Ayanishiki Ruisan "Collection of Brocades"** (綾錦類纂) -- **2 Volumes**. Kyoto, Japan: Kyoto Shoin, Shōwa 39 [1964]. As. First published by Kyoto Shoin in 1940 with subsequent publishing in 1952, 1957, 1974, and 1976, this is the 1964 edition. Unpag. 60 plates (Vol. 1: 1-30, Vol. 2: 31-60). Elephant Folio. Bound in red cloth with a blue, teal, yellow and white floral pattern that complements the interior plates; paper title labels in Japanese characters pasted to front cover of each volume, brown silk ties complete the Japanese-style binding. Sunning to spines, light scuffing to boards. Very Good. Hardcover.

Ema Tsutomu (1884-1979) wrote many books on traditional Japanese clothing, culture and customs. (#27772) \$500.00

Tatsumura, Ken. **Meibutsu-gire Ruishū "Collection of Specialty Fabrics"** (名物裂類集) -- **4 Volumes**. Kyoto, Japan: Kyoto Shoin, Shōwa 41 [1966]. As. Published by Kyoto Shoin in 1969 and 1974, this is the 1966 edition. Vol. 1, Part 1: 6, 50; Vol. 1, Part 2: 8, 51-100; Vol. 2, Part 1: 9, 10, 1-50; Vol. 2, Part 2: 5, 6, 8, 51-100 pp. Elephant Folio. Bound in tan and navy blue cloth featuring a floral and geometric pattern; paper title labels in Japanese characters pasted to front cover of each volume, orange embossed title and publisher name on spines. Orange silk ties complete the Japanese-style binding. All volumes contain color plates of fabrics. Some water staining to lower left corner of Volume 1, Part 1 plates 41-50, and upper left corner of front cover board of Volume 2, Part 1, but does not affect interior. Very Good. Hardcover.

Ken Tatsumura (1905-) was president of the Tatsumura Institute of Textile Arts in Japan and professor of philosophy at Kyoto University of Arts. (#27774) \$1,000.00