

TOP 104 ASTRONOMY BOOKS BORROWED FROM LIBRARIES - SPRING 2004

CALL NUMBER	TITLE / AUTHOR	ISBN
QC427.4 .B63	Absorption and scattering of light by small particles / Bohren	047105772X
QB466.A25 F73 2002	Accretion power in astrophysics. 3rd ed. / Frank	0521620538
QB806 .H39 1998	Accretion processes in star formation / Hartmann	0521435072
QB858.3 .R63 1996	Active galactic nuclei * / Robson	0471958530
QB858.3 .K76 1999	Active galactic nuclei : from the central black hole to the galactic environment / Krolik	0691011516
QB461 .A564 2000	Allen's astrophysical quantities. 4th ed. * / Allen - #1 most highly cited in ADS	0387987460
QB51.3.E43 M42 1998	Astronomical algorithms. 2nd ed. / Meeus	0943396638
QB873 .A78 1992	Astronomical CCD observing and reduction techniques / Howell	0937707422
QB86 .S35 2000	Astronomical optics. 2nd ed. *** / Schroeder	0126298106
QB468 .T56 1996	Astronomical polarimetry / Tinbergen	0521475317
QB855 .O87 1974	Astrophysics of gaseous nebulae / Osterbrock - #11	0716703483
QB855 .O88 1989	Astrophysics of gaseous nebulae and active galactic nuclei * / Osterbrock - #8	09335702229
QB843.A89 A78 2004	Asymptotic giant branch stars / Habing	0387008802
QB843.B55 F76 1998	Black hole physics : basic concepts and new developments / Frolov	0792351452
QB843.B55 S5 1983	Black holes, white dwarfs, and neutron stars : the physics of compact objects ** / Shapiro	0471873179
QB981 .H377 1998	Brief history of time. Updated and expanded tenth anniversary edition. **** / Hawking	0553109537
QA76.73.C15 K47 1988	C programming language. 2nd ed. / Kernighan	0131103709
QC631 .J3 1999	Classical electrodynamics. 3rd ed. ** / Jackson - #30	047130932X
QA805 .G6 2002	Classical mechanics. 3rd ed. / Landau	0201657023
QB991.L54 L53 2000	Cosmological inflation and large-scale structure * / Liddle	052166022X
QB981 .P37 1999	Cosmological physics * / Peacock	0521422701
QB463 .B47 1999	Cosmology and particle astrophysics / Bergström	0471970417
QB981 .H32 2000	Cosmology, the science of the universe. 2nd ed. / Harrison	052166148X
QB44.2 .S235	Cosmos ** / Sagan	051712355X

QA278 .B48 2003	Data reduction and error analysis for the physical sciences. 3rd ed. ** / Bevington - #29	0072472278
QB791 .W45 2003	Dust in the galactic environment. 2nd ed. * / Whittet	0750306246
QB981 .B725 2003	Early universe. 4th ed. / Börner	3540441972
QB981 .K687 1989	Early universe ** / Kolb	0201116030
QB209 .G35 2003	Einstein's clocks and Poincaré's maps : empires of time * / Galison	0393020010
QB51 .3.I45 M36 1997	Electronic imaging in astronomy : detectors and instrumentation / McLean	0471969710
QB8 .U6 A772 1992	Explanatory supplement to the Astronomical almanac. Rev. ed. / Seidelmann	0935702687
QB813 .S95 K57 2004	Extravagant universe : exploding stars, dark energy, and the accelerating cosmos / Kirshner	0691058628
QB15 .G563 1993	Eye of heaven : Ptolemy, Copernicus, Kepler / Gingerich	0883188635
QB982 .G74 2004	Fabric of the cosmos : space, time, and the texture of reality / Greene	0375412883
QA901 .L283 2000	Fluid mechanics. 2nd ed. / Landau - #17	080339328
QA403.5 .B7 2000	Fourier transform and its applications. 3rd ed. * / Bracewell	073039381
QB432 .T2613 2003	Fundamental astronomy. 4th ed. / Karttunen	3540001794
QB475 .A1 G35 1988	Galactic and extragalactic radio astronomy. 2nd ed. / Verschuur	0387965750
QB857 .B522 1998	Galactic astronomy *** / Binney	0691004021
QB857 .B524 1987	Galactic dynamics *** / Binney - #3	0691084440
QB981 .L846 1998	Galaxy formation / Longair	3540637850
QC178 .M57	Gravitation / Misner - #7	0716703343
QB857.5.G7 S36 1992	Gravitational lenses ** / Schneider	0387970703
QB127.4 .H69 2000	Handbook of CCD astronomy / Howell	052164058X
QB843.S95 S74 2002	Historical supernovae and their remnants / Stephenson	0198507666
QB54 .W384 2002	If the universe is teeming with aliens -- where is everybody? / Webb	0387955011
QB603.C7 M45 1989	Impact cratering : a geologic process / Melosh	0195042840
QB479.3 .T47 2001	Interferometry and synthesis in radio astronomy. 2nd ed. / Thompson	0471254924
QB790 .D84 1984	Interstellar chemistry / Duley	0122233603

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QB857 .I63 1997	Interstellar medium in galaxies / van der Hulst	0792346769
QB981 .N3 2002	Introduction to cosmology. 3rd ed. * / Narlikar	052179028X
QB981 .R653 2003	Introduction to cosmology. 3rd ed. *** / Roos	0470849096
QA275 .T38 1996	Introduction to error analysis : the study of uncertainties in physical measurements. 2nd ed. * / Taylor	0935702423
QB461 .C35 1996	Introduction to modern astrophysics ** / Carroll	0201547309
QB801 .C25 1996	Introduction to modern stellar astrophysics *** / Ostlie	0201598809
QB521 .I65 1995	Introduction to space physics / Kivelson	0521451043
QB461 .L34 1999	Introduction to stellar winds / Lamers	0521593980
QC173 .59.S65 H38	Large scale structure of space-time / Hawking - #26	0521200164
QB225 .S64 1995	Longitude : the true story of a lone genius who solved the greatest scientific problem of his time / Sobel	0802713122
QB641 .M35 1992	Mars / Kieffer	0816512574
QA37.2 .A74 2001	Mathematical methods for physicists. 5th ed. ** / Arfken	0120598256
QB843 .B55 C48 1983	Mathematical theory of black holes / Chandrasekhar	198512910
QB351 .B7 1961	Methods of celestial mechanics / Brouwer	
QB601 .H34 1999	Moons & planets. 4th ed. / Hartmann	0534546307
QB843 .D9 R45 2000	New light on dark stars : red dwarfs, low mass stars, brown dwarfs / Reid	1852331003
QA297 .N866 1986	Numerical recipes : the art of scientific computing / Press - #12	0521308119
QA76 .73.C15 N86 1997	Numerical recipes in C : the art of scientific computing. 2nd ed. rev. / Press	0521431085
QA297 .N866 1992	Numerical recipes in FORTRAN : the art of scientific computing ** / Press - #2	0521431085
QB809 .G67 1992	Observation and analysis of stellar photospheres. 2nd ed. / Gray	0521403200
QB461 .L4613 1998	Observational astrophysics. 2nd ed. / Lena	3540634827
QC355.3 .H43 2002	Optics. 4th ed. / Hecht	0805385665
QB17 .S29	Pacing the void : T°ang approaches to the stars / Schafer	0520033442
QB790 .S67 1977	Physical processes in the interstellar medium * / Spitzer - #5	0471022322
QB43.2 .S53	Physical universe : an introduction to astronomy / Shu	0935702059

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QB466 .G38 S583 1991	Physics of astrophysics. Vol. 1-2 / Shu	0935702644
QC168 .Z3813	Physics of shock waves and high-temperature hydrodynamic phenomena. Vol. 1-2 / Zeldovich	012778702X
QB801 .P48 1999	Physics of stars. 2nd ed. / Phillips	0471987972
QB790 .D97 1997	Physics of the interstellar medium. 2nd ed. / Dyson	0750303069
QB601 .D38 2001	Planetary sciences * / De Pater	0521482194
QC355.2 .B67 1999	Principles of optics : electromagnetic theory of propagation, interference and diffraction of light. 7th ed. * / Born	0521642221
QB981 .P424 1993	Principles of physical cosmology * / Peebles	0691074283
QB806 .C55 1983	Principles of stellar evolution and nucleosynthesis * / Clayton	0226109526
QB806 .P78 2000	Protostars and planets IV * / Mannings	0816520593
QB41 .P957 1984	Ptolemy's Almagest / Ptolemy†	0715615882
QB843 .P8 L86 1998	Pulsar astronomy. 2nd ed. ** / Lyne	0521594138
QB461 .R88	Radiative processes in astrophysics * / Rybicki	0471048151
QB54 .W336 2000	Rare earth : why complex life is uncommon in the universe ** / Ward	0387987010
QB88 .W55 2000	Reflecting telescope optics / Wilson	3540589643
QB404 .S34 1982	Satellites of Jupiter /	0816507627
QB857.5 .G7 P48 2001	Singularity theory and gravitational lensing * / Petters	0817636684
QB539 .M23 P74 1984	Solar magneto-hydrodynamics / Priest	902771374X
QB500.5 .M87 1999	Solar system dynamics ** / Murray	0521572959
QA275 .L38	Solving least squares problems / Lawson	0138225850
QA276 .L83 1993	Statistics in theory and practice / Lupton	0691074291
QB809 .M5 1978	Stellar atmospheres. 2nd ed. / Mihalas - #23	0716703599
QB808 .H36 1994	Stellar interiors : physical principles, structure, and evolution. 2nd ed. / Hansen	0387200894
QB801 .S35	Structure and evolution of the stars. / Schwarzschild	0486614794
QB521 .S75 2002	Sun : an introduction. 2nd ed. / Stix	3540428860
QB461 .S4465 2003	Tapestry of modern astrophysics. * / Shore	0471168165

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QB461 .B33 2000	Theoretical astrophysics. Vols. 1-3/ Padmanabhan	0521562414
QA931 .L283 1986	Theory of elasticity. 3rd ed. / Landau	0080339174
QB476.5 .R63 2004	Tools of radio astronomy. 4th ed. ** / Rohlf's	3540403876
QB43.3 .F74 2001	Universe. 6th ed. / Freedman	0716746476
QB641 .C366 1996	Water on Mars / Carr	0195099389

Key to asterisks : ***** = book borrowed from 9 of the 16 libraries, **** = 8, *** = 7, ** = 6, * = 5, none = 4 libraries

BOLD = Among the 30 most highly-cited books in ADS, list contributed by Michael Kurtz on 9 May 2004

PARTICIPATING LIBRARIES AND LIBRARIANS

	European Southern Observatory, Garching, Germany (Uta Grothkopf)	
	Geophysical Institute, Fairbanks, AK (Judie Triplehorn)	
	Harvard Smithsonian Center for Astrophysics, Cambridge, MA (Donna Coletti and Melissa Gilbert)	
	Institute for Advanced Study, Princeton, NJ (Momota Ganguli)	
	Lowell Observatory, Flagstaff, AZ (Antoinette Beiser)	
	Lunar and Planetary Space Institute, Houston, TX (David Bigwood)	
	Oregon State University, Corvallis, OR (Laurel Kristick)	
	Princeton University, NJ (Jane Holmquist)	
	Space Telescope Science Institute, Baltimore, MD (Sarah Stevens-Rayburn)	
	Tulane University, New Orleans, LA (Eleanor Elder)	
	U.S. Naval Observatory, Washington, DC (Brenda Corbin)	
	University of California at Berkeley, CA (Diane Forner)	
	University of Chicago, IL (Barbara Kern)	
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	University of Washington, Seattle, WA (Pam Yorks)	