

【2015-2016 年注目の近刊・新刊書ご案内】

- 物理学・数学 -

【数学】

プリンストン応用数学大全

The Princeton Companion to Applied Mathematics

Higham, Nicholas J. (ed.)

(Princeton U.P.)

2015 904 p. Hardback 9780691150390 ¥13,530

This is the most authoritative and accessible single-volume reference book on applied mathematics. Featuring numerous entries by leading experts and organized thematically, it introduces readers to applied mathematics and its uses; explains key concepts; describes important equations, laws, and functions; looks at exciting areas of research; covers modeling and simulation; explores areas of application; and more.

【物理学】

アインシュタイン百科事典

An Einstein Encyclopedia

Calaprice, Alice et al.

(Princeton U.P.)

2015 376 p. Hardback 9780691141749 ¥5,430

The Collected Papers of Albert Einstein の編纂に関わった 3 人の Einstein 研究者による、100 以上の項目を収録した Einstein 百科事典

This is the single most complete guide to Albert Einstein's life and work for students, researchers, and browsers alike. Written by three leading Einstein scholars who draw on their combined wealth of expertise gained during their work on the Collected Papers of Albert Einstein, this authoritative and accessible reference features more than one hundred entries and is divided into three parts covering the personal, scientific, and public spheres of Einstein's life.

【物理学】

アインシュタイン: 相対性理論の 100 年

Einstein: A Hundred Years of Relativity.

Robinson, Andrew

(Princeton U.P.)

2015 256 p. Paperback 9780691169897 ¥3,390

Albert Einstein's universal appeal is only partially explained by his brilliant work in physics, as Andrew Robinson demonstrates in this authoritative, accessible, and richly illustrated biography. The main narrative is enriched by twelve essays by well-known scientists, scholars, and artists, including three Nobel Laureates. This new edition, published to recognize the centenary of the publication of Einstein's General Theory of Relativity, includes an important new afterword by Diana Kormos Buchwald, the director of the Einstein Papers Project at the California Institute of Technology. Contributors: Authur C. Clarke, Stephen Hawking, Steven Weinberg etc.

【物理学】

ファインマン引用集

The Quotable Feynman.

Feynman, Michelle (ed.)

(Princeton U.P.)

2015 405 p. Hardback 9780691153032 ¥3,390

Feynman の著作、インタビュー、講演、書簡、記事などから、娘の Michelle が選んだ 500 の引用文を、芸術、子供時代、発見、家族、想像力、ユーマー、数学、政治など様々なテーマごとにまとめた

Carefully selected by Richard Feynman's daughter, Michelle Feynman, from his spoken and written legacy, including interviews, lectures, letters, articles, and books, the quotations are arranged under two dozen topics—from art, childhood, discovery, family, imagination, and humor to mathematics, politics, science, religion, and uncertainty. These brief passages—about 500 in all—vividly demonstrate Feynman's astonishing yet playful intelligence, and his almost constitutional inability to be anything other than unconventional, engaging, and inspiring.