Record Nr. UNINA9910828580003321 Gravitation and astrophysics: on the occasion of the 90th year of **Titolo** general relativity: proceedings of the VII Asia-Pacific International Conference: National Central University, Taiwan, 23-26 November 2005 / / editors, James M. Nester, Chiang-Mei Chen, Jong-Ping Hsu Hackensack, NJ,: World Scientific, c2007 Pubbl/distr/stampa **ISBN** 1-281-92452-0 9786611924522 981-277-292-8 Edizione [1st ed.] Descrizione fisica 1 online resource (x, 421 p.): ill Altri autori (Persone) NesterJames M ChenChiang-Mei HsuJ. P (Jong-Ping) Disciplina 523.01 Soggetti Gravitation **Astrophysics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Bibliographic Level Mode of Issuance: Monograph Nota di bibliografia Includes bibliographical references. Nota di contenuto Experimental tests of gravity. Progress in testing Newtonian inverse square law / S.-G. Guan, L.-C. Tu and J. Luo. Null test of the inversesquare law at 100-micrometer distance / H. J. Paik, V. A. Prieto and M. V. Moody -- Numerical relativity. A new generalized harmonic evolution system / L. Lindblom ... [et al.]. Numerical relativity beyond [symbol] / C. M. Misner, J. R. van Meter and D. R Fiske. Improved numerical stability of rotating black hole evolution calculations / H. J. Yo --Cosmology. Integrable cosmological models in DD and variations of fundamental constants / V. N. Melnikov. Coupled quintessence and CMB / S. C. Lee. Cosmic Lee-Yang force, dark energy and accelerated Wu-Doppler effect / J. P. Hsu and Z. H. Ning. Accelerating expansion from inhomogeneities? / J. A. Gu. Thermalization in the inflationary universe / S. P. Kim. Dark energy and wormhole / S. W. Kim. Cosmic

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Sommario/riassunto

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