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| Nota di contenuto | Gravitational radiation and the binary pulsar -- Supernovae — observations and conventional interpretations -- Supernovae — Current areas of research -- Pulsars -- The gamma ray sky at high energies. The role of pulsars as gamma ray sources -- Compact radiation sources in active galactic nuclei -- Some aspects of supernova theory: Implosion, explosion and expansion -- The pulsar magnetosphere -- On the physics of Circinus X-1. I. Periodic flares in the X-ray, optical and radio regimes -- On the physics of Circinus X-1. II. Eccentricity, mass transfer rates, secular orbital effects, possible ?-ray burst, and a possible origin for circinus X-1 -- Einstein and gravitational radiation -- Gravity wave antenna — transducer systems -- Parametric upconverter transducers -- Detection of gravitational radiation from pulsars -- Data analysis algorithms for gravitational antenna signals -- Sensitivity of a gravitational radiation antenna instrumented with dual mode transducer and superconducting quantum interference device (SQUID) -- Quantum non-demolition -- Gravitation experiments at Stanford -- Stationary axisymmetric gravitational fields: An asymptotic flatness preserving transformation -- Mechanical, electrodynamical and thermodynamical properties of black holes -- Electrovac perturbations of rotating black holes -- Symmetries and exact solutions of Einstein's equations -- Naked |

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