

Books

1 General Relativity

1.1 Classical

- *Gravitation and Cosmology* S. Weinberg , Wiley (1972)
- *Gravitation* Charles W. Misner, Kip S. Thorne and John A. Wheeler, Freeman (1973)
- *Problem Book in Relativity and Gravitation* A.P. Lightman, W.H. Press, R.H. Price and S.A. Teukolky, Princeton (1975)

1.2 Textbooks

- *A First Course in General Relativity* B.F.Schutz, Cambridge (1986)
- *Gravitation and Spacetime* Hans Ohanian and Remo Ruffini, W.W.Norton (1994)
- *GRAVITY : an introduction to Einstein's General Relativity* J.B. Hartle, Addison-Wesley (2003)
- *Relativity: An Introduction to Special and General Relativity* Hans Stefani, Cambridge (2004) (also in German)
- *An Introduction to General Relativity: SPACETIME and GEOMETRY* S.M. Carroll, Addison-Wesley (2004)
- *Relativity, Gravitation and Cosmology : A Basic Introduction* Ta-Pei Cheng, Oxford (2005)
- *Relativity : Special, General and Cosmological* W.Rindler, Oxford (2006)
- *General Relativity : An Introduction for Physicists* M.P. Hobson, G. Efstathiou and A.N. Lasenby, Cambridge (2006)

2 Neutron Stars, Relativistic Astrophysics

- *Compact Stars: Nuclear Physics, Particle Physics and General Relativity* Norman K. Glendenning, Springer (2000)
- *Black Holes, White Dwarfs and Neutron Stars* Stuart L. Shapiro and Saul A. Teukolsky, Wiley (1983)
- *NEUTRON STARS I : Equations of State and Structure* P. Haensel, A.Y. Potekhin, D.G. Yakovlev, Springer (2007)