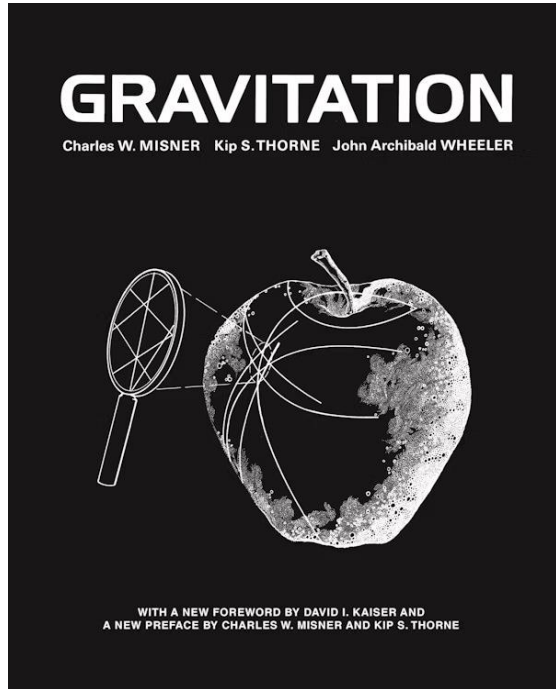
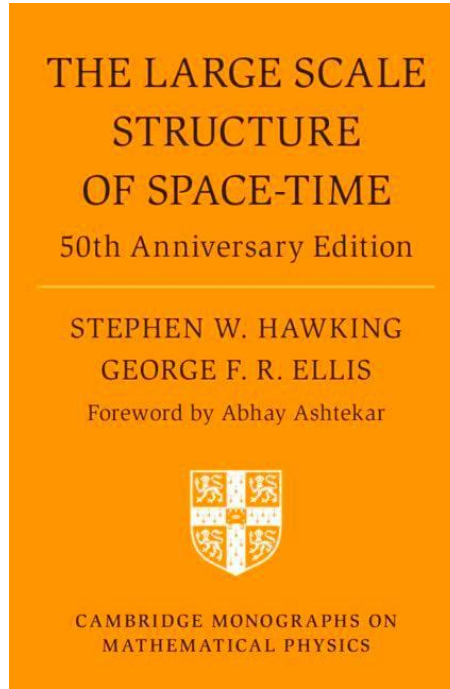


# Last in a series of celebrations of classic books

MTW@50 (May 3, 2023)



Hawking-Ellis@50 (Oct 13, 2023)



Wald@40 (Jun 12, 2024)

## General Relativity

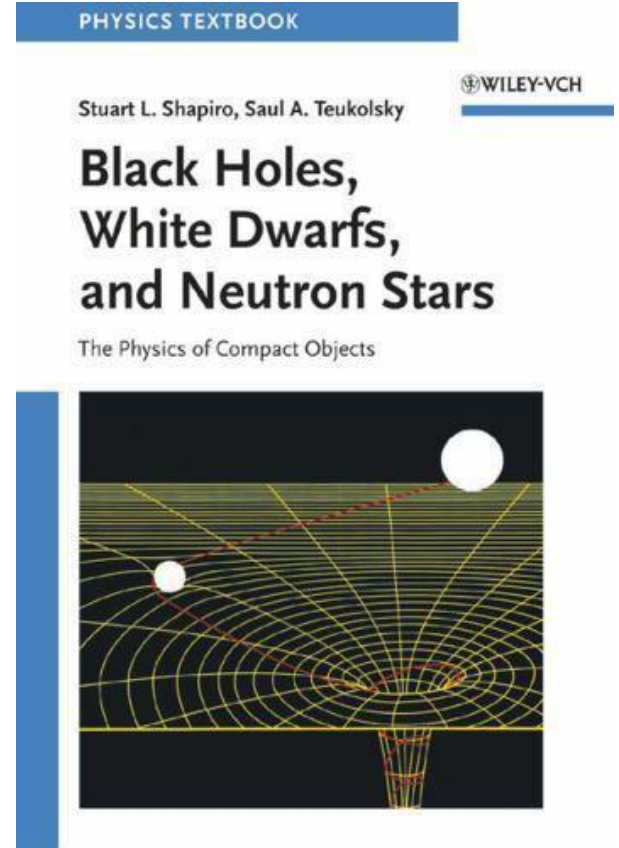
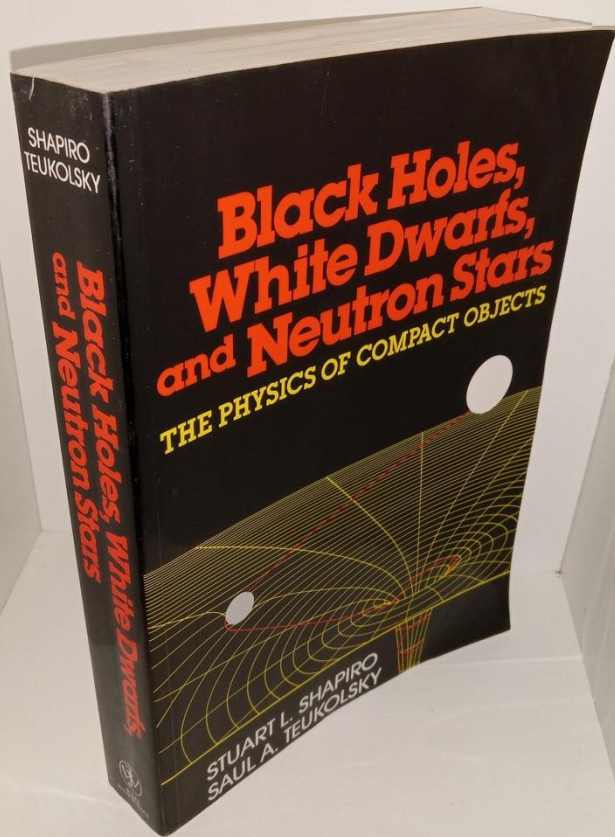
Robert M. Wald



Not celebrated in this series, but often mentioned: Weinberg, "Gravitation and cosmology" (1972)

# Shapiro-Teukolsky: Black Holes, White Dwarfs, and Neutron Stars (1983)

## The Physics of Compact Objects



# Stuart L. Shapiro

Research on numerical relativity with applications in astrophysics, and in particular compact objects such as neutron stars and black holes.

1969: Bachelor from Harvard

1971: Master from Princeton

1973: PhD from Princeton (advisor: P.J.E. Peebles)

1975: Postdoc at Cornell

1975-1995: Assistant/Associate/Full Professor at Cornell

1996-present: Professor at University of Illinois at Urbana-Champaign

3 books (Shapiro-Teukolsky + Baumgarte-Shapiro, 2010 & 2021), over 400 papers

Editorial boards of ApJL, IJMPC, Physics and Computers, CQG

Advised >18 graduate students, >38 postdocs

Selected honors:

1979: Sloan Fellow

1984: Assoc. of American Publishers Award for Shapiro-Teukolsky

1989-1990: Guggenheim Fellow

1991: First Prize, IBM Supercomputing Competition

1998: Fellow of the American Physical Society

2008: Fellow of the Institute of Physics (UK)

2018: APS Bethe Prize



# Saul A. Teukolsky

Research on black holes, general relativity, relativistic astrophysics, and computational astrophysics;  
SXS collaboration, LIGO, LISA

1970: Bachelor from University of the Witwatersrand, South Africa

1973: PhD from Caltech (advisor: K.S. Thorne)

1973-1974: Richard Chace Tolman Research Fellow at Caltech

1974-1999: Assistant/Associate/Full Professor at Cornell

1999-present: Hans A. Bethe Professor at Cornell

2017-present: Robinson Professor of Theoretical Astrophysics at Caltech

>250 papers and various books, including the Numerical Recipes series

Selected honors:

1973: Alfred P. Sloan Fellow

1981: Guggenheim Fellow

1990: Forefronts of Large-Scale Computing Award

1994: Fellow of the American Physical Society

1996: Member of American Academy of Arts and Sciences

2003: Member of National Academy of Sciences

2021: Dirac Medal of the ICTP

2021: APS Einstein prize (joint with Clifford Will)

