

**CLIFFORD M. WILL
PUBLICATIONS**

A. RESEARCH ARTICLES

1. Theoretical Frameworks for Testing Relativistic Gravity. I. Foundations
Kip S. Thorne and Clifford M. Will
THE ASTROPHYSICAL JOURNAL **163**, 595 (1971)
2. Theoretical Frameworks for Testing Relativistic Gravity. II. Parametrized Post-Newtonian Hydrodynamics and The Nordtvedt Effect
Clifford M. Will
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3. Relativistic Gravity in the Solar System. I. Effect of an Anisotropic Gravitational Mass on the Earth-Moon Distance
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4. Theoretical Frameworks for Testing Relativistic Gravity. III. Conservation Laws, Lorentz Invariance, and Values of the PPN Parameters
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5. Relativistic Gravity in the Solar System. II. Anisotropy in the Newtonian Gravitational Constant
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6. Conservation Laws and Preferred Frames in Relativistic Gravity. I. Preferred-Frame Theories and an Extended PPN Formalism
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7. Conservation Laws and Preferred Frames in Relativistic Gravity. II. Experimental Evidence to Rule Out Preferred-Frame Theories of Gravity
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11. Perturbation of a Slowly Rotating Black Hole by a Stationary Axisymmetric Ring of Matter. I. Equilibrium Configurations
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14. Periastron Shifts in the Binary System PSR 1913+16: Theoretical Interpretation
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15. Active Mass in Relativistic Gravity: Theoretical Interpretation of the Kreuzer Experiment
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16. A Test of Post-Newtonian Conservation Laws in the Binary System PSR 1913+16
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19. Weak Interactions and Eötvös Experiments
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20. Gravitational Radiation from Binary Systems in Alternative Metric Theories of Gravitation: Dipole Radiation and the Binary Pulsar

- Clifford M. Will
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35. Classification of Gravitational Waves in a Nonsymmetric Gravitational Theory
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54. Innermost Stable Orbits for Coalescing Binary Systems of Compact Objects
Lawrence E. Kidder, Clifford M. Will and Alan G. Wiseman
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55. Post-Newtonian Gravitational Radiation Reaction for Two-Body Systems
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Eric Poisson and Clifford M. Will
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67. Bounding the Mass of the Graviton using Gravitational-Wave Observations of Inspiralling Compact Binaries
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71. Numerically Generated Quasi-Equilibrium Orbits of Black Holes: Circular or Eccentric?
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72. Covariant Calculation of General Relativistic Effects in an Orbiting Gyroscope Experiment
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76. A Post-Newtonian Diagnostic of Quasi-Equilibrium Binary Configurations of Compact Objects
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77. Testing Alternative Theories of Gravity using LISA
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87. Post-Newtonian Gravitational Radiation and Equations of Motion via Direct
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Thomas Mitchell and Clifford M. Will
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91. Carter-like constants of the motion in Newtonian gravity and electrodynamics
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David Merritt, Tal Alexander, Seppo Mikkola and Clifford M. Will
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98. Carter-like constants of motion in the Newtonian and relativistic two-center problems
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Justin Alsing, Emanuele Berti, Clifford M. Will and Helmut Zaglauer
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 108. Post-Newtonian effects in N -body dynamics: Relativistic precession and conserved quantities in hierarchical triple systems
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 110. Orbital flips in hierarchical triple systems: Relativistic effects and third-body effects to hexadecapole order
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115. Pericenter advance in general relativity: Comparison of approaches at high post-Newtonian orders
Alexandria Tucker and Clifford M. Will
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116. Compact binary inspiral: Nature is perfectly happy with a circle
Clifford M. Will
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Alexandria Tucker and Clifford M. Will
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B. REVIEW ARTICLES, CONTRIBUTIONS TO BOOKS

1. High Precision Tests of General Relativity
Kip S. Thorne and Clifford M. Will
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Kip S. Thorne, Clifford M. Will, and Wei-Tou Ni
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6. Experimental Gravitation from Newton's Principia to Einstein's General Relativity
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