

**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
Clifford M. Will
THE ASTROPHYSICAL JOURNAL **169**, 141 (1971)
6. Conservation Laws and Preferred Frames in Relativistic Gravity. I. Preferred-Frame Theories and an Extended PPN Formalism
Clifford M. Will and Kenneth Nordtvedt, Jr.
THE ASTROPHYSICAL JOURNAL **177**, 757 (1972)
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12. Gravitational Redshift Measurements as Tests of Non-Metric Theories of Gravity
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13. Perturbation of a Slowly Rotating Black Hole by a Stationary Axisymmetric Ring of Matter. II. Penrose Processes, Circular Orbits and Differential Mass Formulae
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14. Periastron Shifts in the Binary System PSR 1913+16: Theoretical Interpretation
Clifford M. Will
THE ASTROPHYSICAL JOURNAL (LETTERS) **196**, L3 (1975)
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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17. Theoretical Frameworks for Testing Relativistic Gravity. V. Post-Newtonian Limit of Rosen's Theory
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19. Weak Interactions and Eötvös Experiments
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28. Gravitational Radiation Quadrupole Formula is Valid for Gravitationally Interacting Systems
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34. Gravitational Redshift of Gravitational Clocks
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35. Classification of Gravitational Waves in a Nonsymmetric Gravitational Theory
Timothy P. Krisher and Clifford M. Will
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36. A New Class of Ideal Clocks
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Bernard F. Schutz and Clifford M. Will
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44. Violation of the Weak Equivalence Principle in Theories of Gravity with a Nonsymmetric Metric
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45. Detection of the Gravitomagnetic Field Using an Orbiting Superconducting Gravity Gradiometer. I. Theoretical Principles
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46. Gravitational Radiation, Close Binary Systems, and the Brans-Dicke Theory of Gravity
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47. High-Overtone Normal Modes of Schwarzschild Black Holes
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48. Test of the Isotropy of the One-Way Speed of Light using Hydrogen Maser Frequency Standards
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53. Is Momentum Conserved? A Test in the Binary System PSR 1913+16
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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
 B. R. Iyer and Clifford M. Will
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56. Spin Effects in the Inspiral of Coalescing Compact Binaries
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65. Gravitational Radiation from Compact Binary Systems: Gravitational Waveforms and Energy Loss to Second Post-Newtonian Order
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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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73. Deflection of Light to Second Order: A Tool for Illustrating Principles of General Relativity
Jeremiah Bodenmer and Clifford M. Will
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74. Propagation Speed of Gravity and the Relativistic Time Delay
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78. On the Rate of Detectability of Intermediate-Mass Black-Hole Binaries using LISA
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87. Post-Newtonian Gravitational Radiation and Equations of Motion via Direct Integration of the Relaxed Einstein Equations. V. The Strong Equivalence Principle to Second Post-Newtonian Order
Thomas Mitchell and Clifford M. Will
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88. Application of Energy and Angular Momentum Balance to Gravitational Radiation Reaction for Binary Systems with Spin-Orbit Coupling
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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
COMMENTS ON ASTROPHYSICS AND SPACE PHYSICS **2**, 31 (1970)
2. Theoretical Frameworks for Testing Relativistic Gravity - A Review
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3. The Theoretical Tools of Experimental Gravitation
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12. Verification of General Relativity: Strong Fields and Gravitational Waves
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14. Was Einstein Right? Testing Relativity at the Centenary
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C. CONTRIBUTIONS TO CONFERENCE PROCEEDINGS

1. Clocks and Experimental Gravitation: A Null Gravitational Redshift Experiment, Laboratory Tests of Post-Newtonian Gravity, and Gravity-Wave Detection by Spacecraft Tracking
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