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PHYSICS DEMONSTRATIONS

A Sourcebook for Teachers of Physics



Julien Clinton Spratt

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“Professor Spratt is a master of his trade and a true inspiration to all who perform physics demonstrations. This text is a wonderful resource, containing a wealth of information. Thorough and well-organized, this is how it should be done.”
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PHYSICS DEMONSTRATIONS

A Sourcebook for Teachers of Physics

Julien Clinton Spratt

Large-format hardcover, includes 230 color photos and 2 DVDs

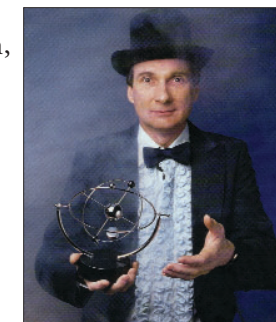
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- a brief description of each demonstration
- materials lists, with sources for common materials
- preparation procedures
- discussions of the physics principle demonstrated
- potential safety hazards
- references for further information



About the
Author

Julien Clinton Spratt is professor of physics at the University of Wisconsin–Madison, and his many publications include *Chaos and the Time-Series Analysis* and *Images of a Complex World: The Art and Poetry of Chaos*. He is the winner of several awards for his work in public science education, including a lifetime achievement award for the Wisconsin Association of Physics Teachers. For more fun physics information, visit <http://spratt.physics.wisc.edu/spratt.htm>

Spratt's demonstrations will fascinate, amaze, and teach students the wonders of physics.

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"Should be of great interest to anybody who teaches introductory physics, or to students trying to make sense of the often-dry mathematical presentation of the subject. Recommended."—Choice

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"Empowers classroom teachers and those who make public science presentations to increase their repertoire and to effectively enhance the joy of learning."—Bassam Z. Shakhshiri, University of Wisconsin–Madison

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