

The Flying Circus of Physics



2nd EDITION

JEARL WALKER

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Flying Circus Of Physics

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The Flying Circus of Physics Jearl Walker, 2006-06-30 Hurry Hurry Come one come all Meet a man who can pull two railroad passenger cars with his teeth and a real life human cannon ball Come face to face with a dead rattlesnake that still bites And unlock the secrets of a magician's bodiless head Welcome to this updated edition of The Flying Circus of Physics where death defying stunts high flying acrobatics strange curiosities and mind bending illusions bring to life the fascinating feats of physics in the world around us In 1977 Wiley published the first edition of Jearl Walker's The Flying Circus of Physics which has sold over 100 000 copies and become a cult classic in the physics community The Flying Circus is a compendium of interesting real world phenomena that can be explained using basic laws of physics This new edition represents a thorough updating and modernization of the book The new edition gives us the opportunity to highlight Jearl's creativity his communication skills and his ability to make physics interesting Jearl Walker Ph D professor of physics at Cleveland State University and the man who frequently walked on hot coals and lay on beds of nails all in the name of science is the first recipient of the Outstanding Teaching Award from Cleveland State's College of Science The College's Faculty Affairs Committee selected Dr Walker as the first honoree based on his impressive contributions to science teaching over the last 30 years In fact the award in future years will be named the Jearl Walker Outstanding Teaching Award in recognition of his many achievements Jearl Walker received his B S in physics from MIT in 1967 and his Ph D in physics from the University of Maryland in 1973 His popular book The Flying Circus of Physics has been translated into at least 10 languages and is still being sold worldwide For 16 years he toured his fun filled Flying Circus lecture throughout the U S and Canada introducing countless teachers to such physics phenomena as molecular adhesion by hanging spoons from his face and Leidenfrost's phenomenon by dipping his wet hand in molten lead without getting hurt These lectures led to his national PBS television show Kinetic Karnival which ran for several years and won him a local Emmy Award During his 13 years as a columnist with Scientific American magazine Dr Walker wrote 152 articles for The Amateur Scientist section which were translated into at least 9 languages worldwide His topics ranged from the physics of judo to the physics of bearnaise sauce and lemon meringue pie In 1990 he took over the textbook Fundamentals of Physics from David Halliday and Robert Resnick and has now published the seventh edition of the book He has appeared countless times on television and radio and in newspapers and magazines

The Flying Circus of Physics, 2nd ed. (Paperback). Jearl Walker, **The Flying Circus of Physics, Answers** Jearl Walker, 1977-10-25 This new version now contains answers to all the over 600 stimulating questions Walker covers the entirety of naked eye physics by exploring problems of the everyday world He focuses on the flight of Frisbees sounds of thunder rainbows sand dunes soap bubbles etc and uses such familiar objects as rubber bands eggs tea pots and Coke bottles Many references to outside sources guide the way through the problems Now the inclusion of answers provides immediate feedback making this an extraordinary approach in applying all of physics to problems of the real world *THE*

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