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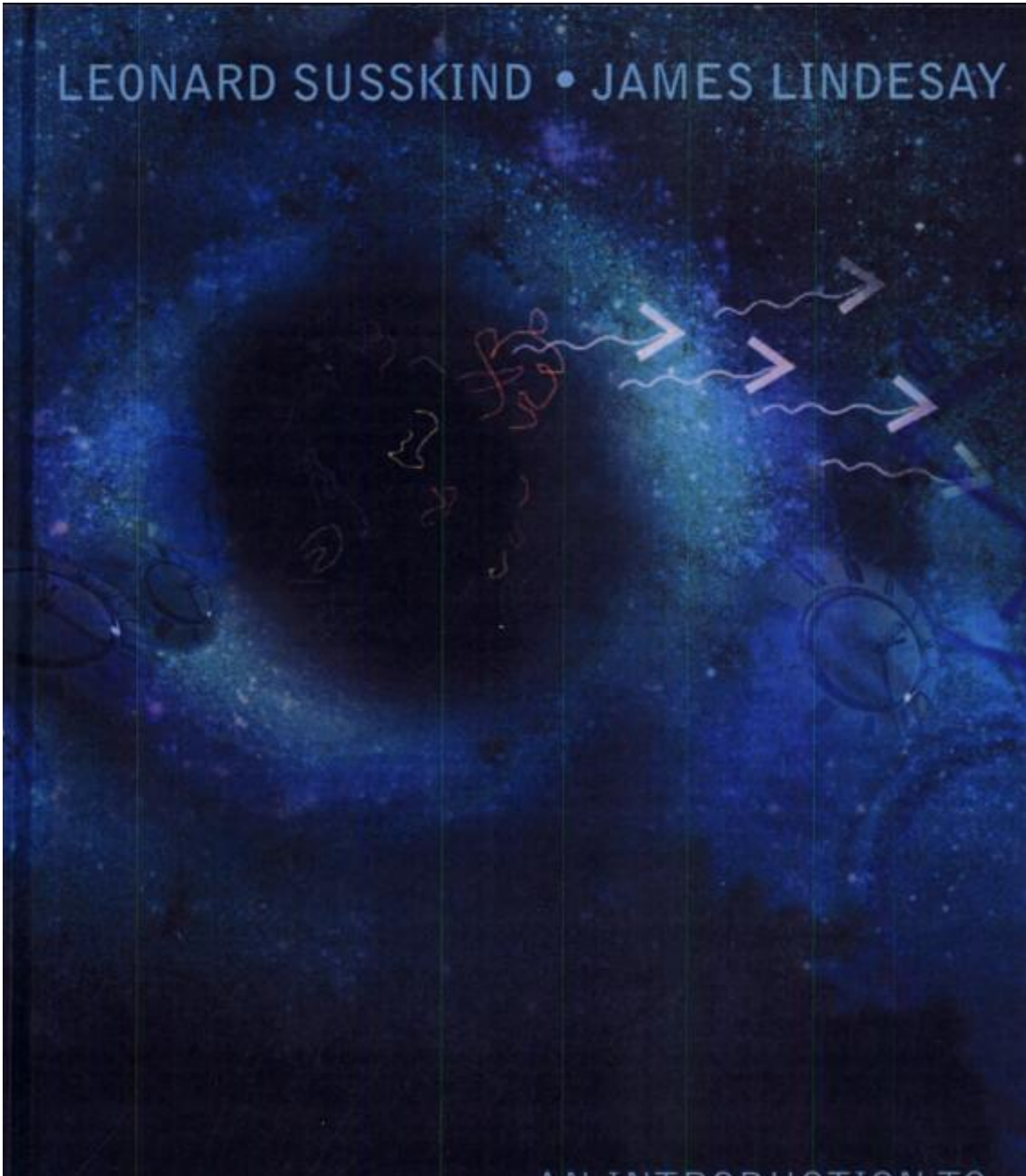

AN INTRODUCTION TO

BLACK HOLES, INFORMATION and the STRING THEORY REVOLUTION

The Holographic Universe

An Introduction to Black Holes, Information and the String Theory Revolution: The Holographic Universe, Leonard Susskind, James Lindesay, OECD Publishing, 2005, 9812560831, 9789812560834, 183 pages. - A unique exposition of the foundations of the quantum theory of black holes including the impact of string theory, the idea of black hole complementarily and the holographic principlebull; Aims to educate the physicist or student of physics who is not an expert on string theory, on the revolution that has grown out of black hole physics and string theory.

The Black Hole at the Center of Our Galaxy , Fulvio Melia, 2003, Science, 189 pages. A noted professor of physics and astronomy recalls the intellectual journey to understand the galaxy, and universe that contains it, in the twentieth century, looking at the ....

A new kind of science , Stephen Wolfram, 2002, Computers, 1197 pages. Challenging the traditional mathematical model of scientific description, a scientist proposes a new dynamic computational approach that utilizes simple codes to generate ....

Black Hole Uniqueness Theorems , Markus Heusler, Jul 25, 1996, Science, 249 pages. A self-contained introduction to the mathematical theory of black holes..

The Edge of Infinity Supermassive Black Holes in the Universe, Fulvio Melia, Sep 4, 2003, Science, 148 pages. In the past, they were recognized as the most destructive force in nature. Now, following a cascade of astonishing discoveries, supermassive black holes have undergone a ....

The Galactic Supermassive Black Hole , Fulvio Melia, 2007, Science, 296 pages. Here, one of the world's leading astrophysicists provides the first comprehensive and logically structured overview of the many ideas and discoveries pertaining to the ....

QED: the Strange Theory of Light and Matter , R. Feynman, 1985, , 172 pages. This book is a straightforward, honest explanation of a rather difficult subject- the theory of quantum electordynamics- for a non-technical audience. It is designed to give ....

Black Holes An Introduction, Derek J. Raine, Edwin George Thomas, 2010, Science, 198 pages. This introduction to the fascinating subject of black holes fills a significant gap in the literature which exists between popular, non-mathematical expositions and advanced ....

Introduction to Black Hole Physics , Valeri P. Frolov, Andrei Zelnikov, Sep 22, 2011, Science, 488 pages. What is a black hole? How many of them are in our Universe? Can black holes be created in a laboratory or in particle colliders? Can objects similar to black holes be used for ....

String Theory For Dummies , Andrew Zimmerman Jones, Oct 22, 2009, Science, 384 pages. Learn: The basic concepts of this controversial theory How string theory builds on physics concepts The different viewpoints in the field String theory's physical implications ....

Black Hole Physics Basic Concepts and New Developments, ValeriĐ”Â- Pavlovich Frolov, IgorĐšâ„– Dmitrievich Novikov, Jan 1, 1998, Science, 770 pages. This volume on black holes can be seen as a sequel to Physics of Black Holes, published by Kluwer Academic Publishers in 1989. The authors are recognised experts in their field ....

The Lightness of Being Mass, Ether, and the Unification of Forces, Frank Wilczek, Mar 25, 2009, Science, 292 pages. The 2004 Nobel Prize winner in physics brings us tantalizingly close to the long-sought Grand Unification of Forces. And then takes us beyond..

Formation and Evolution of Black Holes in the Galaxy Selected Papers with Commentary, Hans Albrecht Bethe, Gerald Edward Brown, Chang-Hwan Lee, Jan 1, 2003, Science, 506 pages. In published papers H A Bethe and G E Brown worked out the collapse of large stars and supernova explosions. They went on to evolve binaries of compact stars, finding that in ....

Black Holes and Relativistic Stars , Robert M. Wald, 1998, Science, 285 pages. A comprehensive summary of progress made during the past decade on the theory of black holes and relativistic stars, this collection includes discussion of structure and ....

Commutative Algebra With a View Toward Algebraic Geometry, , Mar 30, 1995, Mathematics, 785 pages. Commutative Algebra is best understood with knowledge of the geometric ideas that have played a great role in its formation, in short, with a view towards algebraic geometry ....

Black Holes , Mario Livio, Anton M. Koekemoer, Feb 24, 2011, Science, 321 pages. A collection of review papers exploring the astrophysics of black holes, providing an invaluable resource for researchers and graduate students..

Space and Time in Contemporary Physics An Introduction to the Theory of Relativity and Gravitation, Moritz Schlick, 2005, Science, 87 pages. An authoritative early exposition of relativity theory, this reader-friendly book describes the physical doctrines of the special and general theories of relativity in terms of ....

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