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Lectures on Quantum Mechanics by Steven Weinberg

Weinberg's "Lectures on QM" is an excellent, graduate level text on the quantum mechanics that, among other things, will prepare you for studying quantum field theory. The book is authoritative, and very clearly written. Some highlights: (1) He includes some fascinating topics not easily found in other QM texts.

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Weinberg, Steven, 1933 Lectures on quantum mechanics / Steven Weinberg. p. cm. ISBN 978-1-107-02872-2 (hardback) 1. Quantum theory. I. Title. QC174.125.W45 2012 530.12 dc23 2012030441 ISBN 978-1-107-02872-2 Hardback Additional resources for this publication at [www.cambridge.org/9781107028722](http://www.cambridge.org/9781107028722)

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Lectures on Quantum Mechanics Steven Weinberg The University of Texas at Austin. CAMBRIDGE UNIVERSITY PRESS Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi, Mexico City Cambridge University Press The Edinburgh Building, Cambridge CB2 8RU, UK

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Weinberg, Lectures on Quantum Mechanics Evaluation Grades will be based on homework (10%, depending on assignment of a monitor for the course) and the best 2 out of 3 exams (45% each).

Quantum Mechanics I (2020 semester 2) - Matthew Luzum

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Lectures on Quantum Mechanics - Physics Today

The development of quantum mechanics in the first decades of the twentieth century came as a shock to many physicists. Today, despite the great successes of quantum mechanics, arguments continue about its meaning, and its future. 1. The first shock came as a challenge to the clear categories to which physicists by 1900 had become accustomed.

The Trouble with Quantum Mechanics | by Steven Weinberg ...

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Lectures on quantum mechanics (2012, CUP) To Explain the World: The Discovery of Modern Science (2015), Harper/HarperCollins Publishers, ISBN 978-0062346650; Third Thoughts (2018), Belknap Press, ISBN 978-0674975323; Lectures on Astrophysics (2019, CUP) Scholarly articles. Weinberg, S (1967). "A Model of Leptons" (PDF). Phys. Rev. Lett.

Steven Weinberg - Wikipedia

Steven Weinberg, Nobel laureate and theoretical physicist at the University of Texas at Austin, delivered the fourth Patrusky Lecture during the New Horizons...

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Quantum Mechanics I

Weinberg has written the quantum mechanics lectures that you indicate, as well as his three-volume work on quantum field theory. Reading the preface of his 2013 Lectures, I think he distinguishes between quantum mechanics and quantum field theory.

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