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where  $\hbar = h/2\pi$ . Wave Function for a Free Particle Problem 5.3, page 224 A free electron has wave function

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physicists and electrical engineers.

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Solved problems in quantum mechanics

Mauro Moretti\* and Andrea Zanzi†

Abstract This is a collection of solved problems in quantum mechanics. These exercises have been given to the

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students during the past ex-aminations.

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andrea.zanzi@unife.it

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Problems in Quantum Mechanics ( with solutions) , ( Cambridge University Press ) , 1995 . Author: A. Modinos. Publisher: Wiley-Blackwell. ISBN: UOM:39015038027762. Category: Science. Page: 356. View: 781.

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question with the solution covered, and only consult the solution for help where necessary. Both analytical and numerical (computer) techniques are used, as appropriate, in obtaining and analyzing solutions.

## **Solved Problems in Classical Mechanics**

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equations, quantum mechanics is also based on some fundamental laws, which are called the postulates or axioms of quantum mechanics. We want in particular to develop a mathematical model for the dynamics of closed quantum systems . 1: therefore we are interested in defining states - observables - measurements - evolution

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