



## Eight Lectures on Theoretical Physics Dover Books on Physics

By Physics

Dover Publications. Paperback. Book Condition: New. Paperback. 176 pages. Dimensions: 8.2in. x 5.3in. x 0.4in. In 1909 the great German physicist and Nobel Prize winner Max Planck (1858-1947) delivered a series of eight lectures at Columbia University giving a fascinating overview of the new state of physics, which he had played a crucial role in bringing about. The first, third, fifth, and sixth lectures present his account of the revolutionary developments occasioned when he first applied the quantum hypothesis to blackbody radiation. The reader is given an invaluable opportunity to witness Planck's thought processes both on the level of philosophical principles as well as their application to physical processes on the microscopic and macroscopic scales. In the second and fourth lectures Planck shows how the new ideas of statistical mechanics transformed the understanding of chemical physics. The seventh lecture discusses the principle of least action, while the final one gives an account of the theory of special relativity, of which Planck had been an early champion. These lectures are especially important since they reflect Planck's reconsiderations and rethinking of his original discovery of quantum theory. A new Introduction by Peter Pesic places this book in historical perspective among Planck's works and...



**READ ONLINE**  
[ 1.42 MB ]

### Reviews

*A really great publication with lucid and perfect reasons. I have read through and I am confident that I am going to go back and read it again and again down the road. It is extremely difficult to leave it before concluding, once you begin to read the book.*

-- **Cade Nolan**

*This publication is definitely not effortless to get going on reading through but really exciting to read through. It was actually written really properly and beneficial. I am just very easily could get a delight of reading through a created publication.*

-- **Gino Jerde Jr.**