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Mathematics of Classical and Quantum Physics: Byron Jr  $P_{\text{age 2/12}}$ 

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Mathematically, one looks for similarities between Poisson algebras and symplectic geometry on the classical side, and operator algebras and Hilbert spaces on the quantum side. Physically, one tries to understand how a given quan tum system is related to its alleged classical counterpart (the classical limit), and vice versa (quantization).

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This textbook is designed to complement graduate-level physics texts in classical mechanics, electricity, magnetism, and  $\frac{Page}{R}$ 

quantum mechanics. Organized around the central concept of a vector space, the book includes numerous physical applications in the body of the text as well as many problems of a physical nature.

### Mathematics of Classical and Quantum Physics by Frederick ...

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**Mathematics of Classical and Quantum Physics**Mathematics of classical and quantum physics by Frederick W. Byron, 1992, Dover Publications edition, in English

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