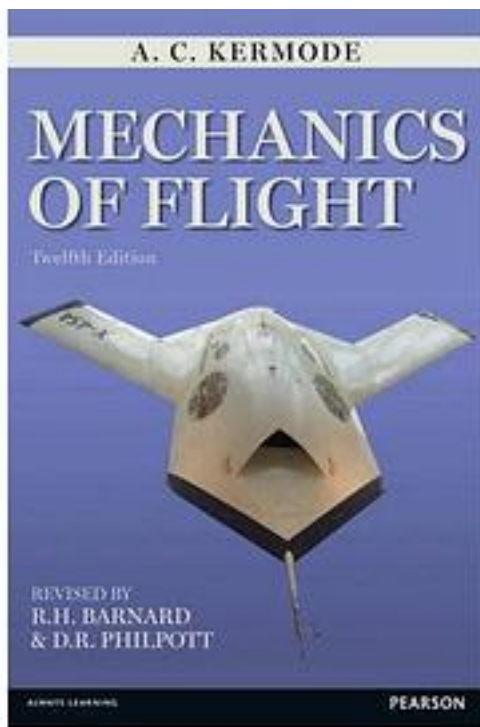


Mechanics of Flight



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著者:Phillips, Warren F.

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"Mechanics of Flight" is a unique combination of theory and applications organized in a logical presentation. It affords readers' extensive coverage of individual topics within flight mechanics, including overviews of aerodynamics and propulsion. It also offers a full range of modern and classical techniques for applying fundamental principles to the solution of engineering problems in flight mechanics. "Mechanics of Flight" explores the basic principles of flight mechanics with the help of many worked examples, starting with simple problems involving steady-level flight and building to more

complex ones, such as the analysis of turning flight and spins. Special coverage found here - and not in most books on the subject - includes a detailed presentation of the quaternion formulation for six-degree-of-freedom flight simulation, including treatment of efficient numerical integration methods.

作者介绍:

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