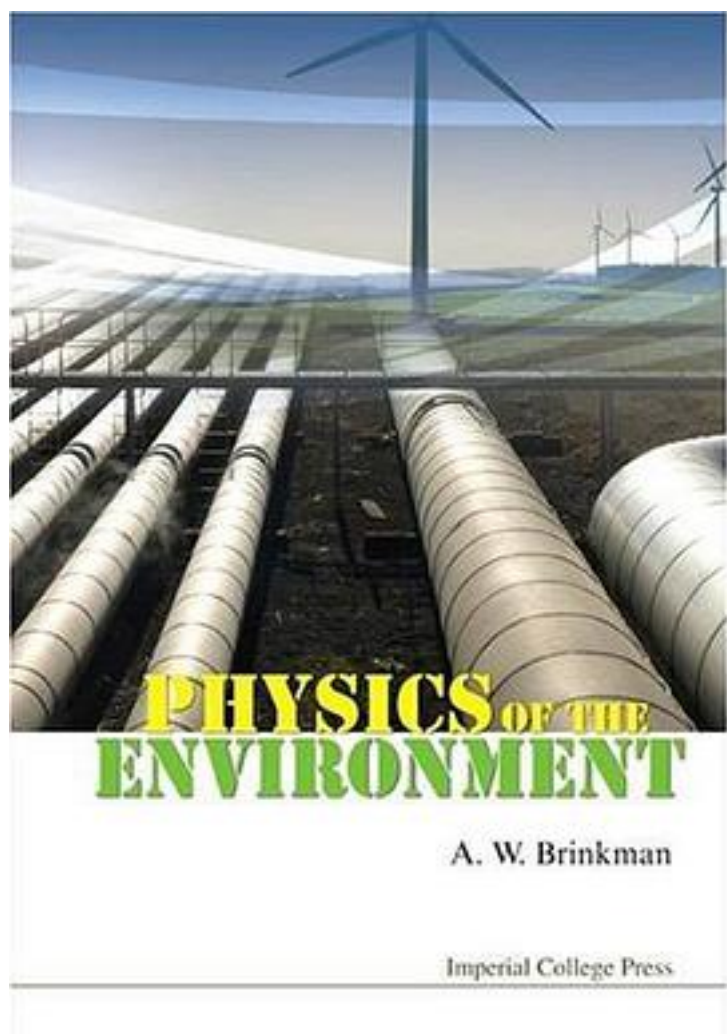


Physics Of The Environment



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Most books on environmental science focus on ecological or biological aspects of

environmental conservation, often with a polemic agenda. The physics, if covered at all, is generally superficial. Using pertinent examples from the environment and the ways in which people interact with it, Physics of the Environment sets out to provide a cogent account of the underlying physical laws with a lucidity and rigor appropriate to an undergraduate course in the subject. Students will gain an understanding of the physical concepts that govern the world as well as an appreciation of the technologies of power generation and transport, and the impact these have on the environment.

Contents:Structure and Dynamics of the Atmosphere; The Global Climate; Solar Ultraviolet Radiation and Life; Heat Transfer Processes; Generation of Power from Fossil Fuels; Nuclear Power Generation; Renewable Energy; Transportation; Transport and Dispersal of Pollutants in the Environment; Stewarding the Environment.

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