



# Plasma Scattering of Electromagnetic Radiation: Theory and Measurement Techniques

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This work presents one of the most powerful methods of plasma diagnosis in exquisite detail, to guide researchers in the theory and measurement techniques of light scattering in plasmas. Light scattering in plasmas is essential in the research and development of fusion energy, environmental solutions, and electronics.

Referred to as the "Bible" by researchers, the work encompasses fusion and industrial applications essential in plasma research. It is the only comprehensive resource specific to the plasma scattering technique. It provides a wide-range of experimental examples and discussion of their principles with worked examples to assist researchers in applying the theory.

- Computing techniques for solving basic equations helps researchers compare data to the actual experiment
- New material on advances on the experimental side, such as the application of high density plasmas of inertial fusion
- Worked out examples of the scattering technique for easier comprehension of theory

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