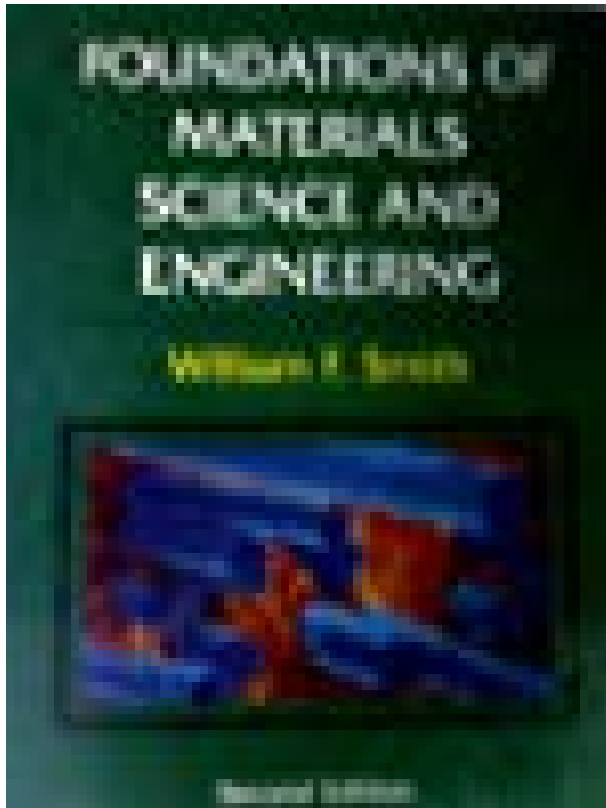


# Foundations of Materials Science and Engineering



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Offering an alternative to William Smith's Principles of Material Science and Engineering, this text presents a number of new and important features. It splits the mechanical properties chapter into two separate chapters in order to provide additional and expanded coverage of such topics as fatigue, crack propagation and stress, rupture time, and temperature relationships in creep, to name just a few. In addition, all new topics are accompanied by new problems for a stronger understanding of recent developments in the field.