Guthrie

Engineering in Process Metallurgy

A rich variety of phenomena governs the behaviour and kinetics of metallurgical processing operations. Unusually high operating temperatures, intense radiation, viscous slags, dense metals, etc., make the design and operation of metallurgical processes unique. This book introduces the basic mechanisms of heat, mass, and fluid flow, and then follows a series of metallurgical examples and exercises. Empirical techniques for modelling and for process design are presented along with numerical techniques and computer programs. This new paperback edition has been updated, with a new section on numerical simulation of fluid flow processes added, to reflect the important contribution of computer simulation to the subject.

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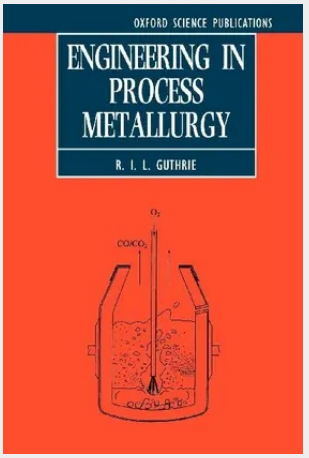

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