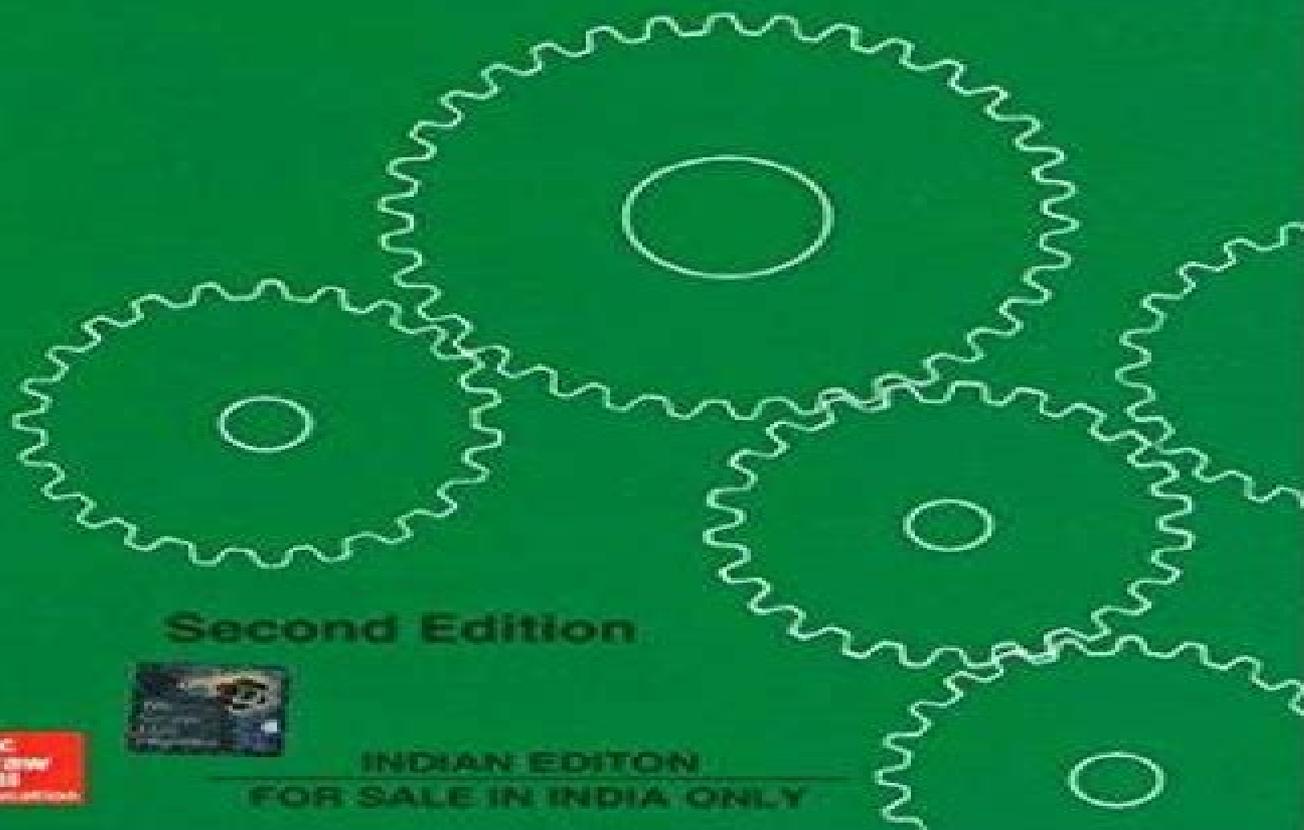


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substitutional and interstitial solid solutions is based on the relative change in length and vacancy concentration at lattice sites that are in thermal equilibrium Combinations of both models then facilitate the calculation of lattice parameters as a function of concentration and temperature The results are discussed accordingly *Introduction to Physical Metallurgy*

Sidney H. Avner, 1964 [International Conference on Functional Materials and Metallurgy \(ICoFM 2014\)](#) Nur Farhana

Mohd Yunus, Zunaida Zakaria, Sri Raj Rajeswari Munusamy, Lim Bee Ying, Noorina Hidayu Jamil, Norzilah Abdul

Halif, 2015-06-10 Selected peer reviewed papers from the International Conference on Functional Materials and Metallurgy ICoFM 2014 September 17 18 2014 Pulau Pinang Malaysia [Introduction to Physical Metallurgy](#) Sidney H. Avner, 1974

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integrity and advanced analytical techniques in some appendices **The Anvil's Ring**, 1990 *The Technology of Metallurgy* William K. Dalton, 1994 For first courses in metallurgy and materials science Here is a straightforward clearly written introduction whose three part organization makes an understanding of metals and how they work truly accessible Text coverage encompasses principles applications and testing The Technology of Metallurgy focuses on providing students with an understanding of the fundamentals of metals and of what happens when they are cold worked heat treated and alloyed Mathematics is limited to algebra and trigonometry calculus is used only when necessary for understanding For courses with a laboratory component appendixes provide background concepts for conducting basic tests and the accompanying Instructor s Manual contains outlines for laboratory sessions **Corrosion of Steel in Concrete**

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