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modern physical metallurgy describes in a very readable form the fundamental principles of physical metallurgy and the basic techniques

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this well established book now in its third edition presents the principles and applications of engineering metals and alloys in a highly readable form this new edition retains all the basic topics covered in earlier editions such as phase diagrams phase transformations heat treatment of steels and nonferrous alloys shape memory alloys solidification fatigue fracture and corrosion as well as applications of engineering alloys a new chapter on nanomaterials has been added chapter 8 the field of nano materials is interdisciplinary in nature covering many disciplines including physical metallurgy intended as a text for undergraduate courses in metallurgical and materials engineering the book is also suitable for students preparing for associate membership examination of the indian institute of metals amiim and other professional examinations like amie

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