



## Basics of Physical Metallurgy for Engineers

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Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | The multidisciplinary knowledge of engineering graduate has become an indispensable in the today's scenario. The Physical Metallurgy is a subject, which was practiced as art in the ancient age and has gradually taken important position in science, engineering and nowadays in the technology era. The focus area is the engineering properties of the materials in light of the chemistry, structure and defects in the structure. The materials are the key factor in emergence new technology almost in all field of engineering in this rapid changing technology driven world. Therefore, understanding of behaviour of materials is a basic need of engineering professionals. Basics of Physical Metallurgy for Engineers, is a textbook that covers the important fundamental aspects of physical metallurgy. This book attempts to introduce many essential concepts in brief, especially to the audience from all the engineering streams. The book describes in brief the concept of crystal structure, the movement of atoms in solid state through diffusion process and possible defects in the crystalline materials. The book is useful for the undergraduate students at the early stages of engineering course. | Format: Paperback | Language/Sprache: english | 80 pp.

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