

# Principles, New Materials Modelling, Characterization, and Applications: Unleashing the Power of Materials Science

<section> <h2>Delve into the Fundamentals of Materials Science</h2>

## Image Alt Attributes:

- **Hero Image:** Scientists working in a laboratory with advanced equipment, surrounded by various materials samples.
- **Section 1 Image:** A close-up view of a crystal structure, showcasing the atomic-level arrangement of atoms.
- **Section 2 Image:** A researcher using computer simulations to model the behavior of a new material.
- **Section 3 Image:** A technician using a microscope to examine the microstructure of a material.
- **Section 4 Image:** A variety of materials used in real-world applications, such as lightweight alloys in aerospace and biocompatible materials in healthcare.



## 60 Years of the Loeb-Sourirajan Membrane: Principles, New Materials, Modelling, Characterization, and Applications by Amal M Nassir

★★★★★ 5 out of 5

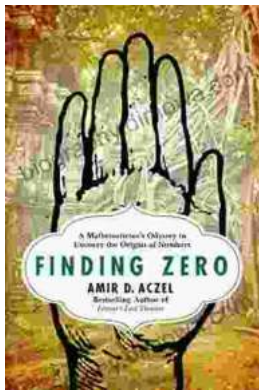
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