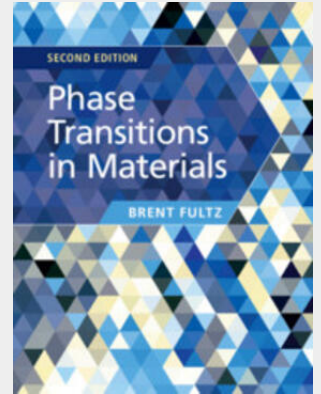


Fultz

## Phase Transitions in Materials

---

The new edition of this popular textbook provides a fundamental approach to phase transformations and thermodynamics of materials. Explanations are emphasised at the level of atoms and electrons, and it comprehensively covers the classical topics from classical metallurgy to nanoscience and magnetic phase transitions. The book has three parts, covering the fundamentals of phase transformations, the origins of the Gibbs free energy, and the major phase transformations in materials science. A fourth part on advanced topics is available online. Much of the content from the first edition has been expanded, notably precipitation transformations in solids, heterogeneous nucleation, and energy, entropy and pressure. Three new chapters have been added to cover interactions within microstructures, surfaces, and solidification. Containing over 170 end-of-chapter problems, it is a valuable companion for graduate students and researchers in materials science, engineering, and applied physics.



**95,00 €**

88,79 € (zzgl. MwSt.)

*sofort versandfertig, Lieferzeit: 1-3  
Werktag*

---

**Artikelnummer:** 9781108485784

**Medium:** Buch

**ISBN:** 978-1-108-48578-4

**Verlag:** Cambridge University Press

**Erscheinungstermin:** 25.06.2020

**Sprache(n):** Englisch

**Auflage:** 2. Auflage 2020

**Produktform:** Gebunden

**Gewicht:** 1417 g

**Seiten:** 604

**Format (B x H):** 196 x 257 mm

