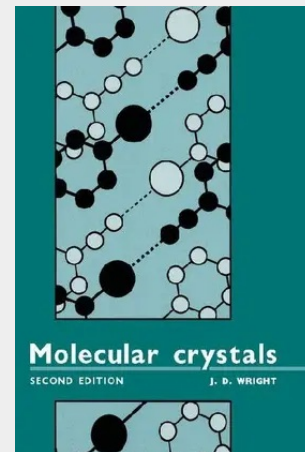


Molecular Crystals

In recent years, there has been an explosion of interest in the study of molecular crystals, and their applications in optics and electronics. This advanced textbook describes their chemical and physical structure, their optical and electronic properties and the reactions between neighbouring molecules in crystals. The author has taken into account research areas which have undergone extremely rapid development since the first edition was published in 1987. For instance, this edition features the applications of molecular materials in high-technology devices. There is also an entirely new chapter on C60 and organic non-linear optic materials. The level of treatment is aimed at first-year postgraduates or workers in industrial research laboratories wishing to gain insights into organic solid state materials. Molecular Crystals is also suitable for special topics in final year undergraduate courses in chemistry, physics and electronic engineering.

In recent years there has been an explosion of interest in the study of molecular crystals and their applications in optics and electronics. This advanced textbook describes their chemical and physical structure, their optical and electronic properties, and the reactions between neighbouring molecules in crystals. The author has taken into account research areas which have undergone extremely rapid development since the first edition was published in 1987. For instance, it features the applications of molecular materials in high-technology devices. There are also entirely new chapters on C(subscript 60) and organic non-linear optic materials. The level of treatment is aimed at first-year postgraduates or workers in industrial research laboratories wishing to gain insights into organic solid-state materials. It is also suitable for special topics in final-year undergraduate courses in chemistry, physics and electronic engineering.

**158,40 €**

158,40 € (zzgl. MwSt.)

*Lieferfrist: bis zu 10 Tage***Artikelnummer:** 9780521465106**Medium:** Buch**ISBN:** 978-0-521-46510-6**Verlag:** Cambridge University Press**Erscheinungstermin:** 24.08.2011**Sprache(n):** Englisch**Auflage:** Revised**Produktform:** Gebunden**Gewicht:** 540 g**Seiten:** 235**Format (B x H):** 157 x 235 mm