

chemistry of imperfect crystals

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Explore the fascinating chemistry behind imperfect crystals, delving into the world of non-stoichiometric compounds and crystal defects. This exploration reveals how imperfections at the atomic level influence the overall chemical properties and reactivity of crystalline materials, highlighting their importance in various applications from catalysis to advanced materials design.

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by K Jacobs · 1974 · Cited by 2 — F. A. Kröger. The Chemistry of Imperfect Crystals. 2nd Revised Edition, Volume 1: Preparation, Purification, Crystal Growth And Phase Theory.

The chemistry of imperfect crystals by FA Kröger

A useful table in Vol. 1 lists all substances which have been grown as single crystals, with the methods used and the literature references. In the first ...

The Chemistry of Imperfect Crystals: Kroger, F.A.

For individuals who are interested crystals on a quantum mechanical level, this book provides an in-depth discussion. This book also provides an exhaustive ...

Imperfection Chemistry of Crystalline Solids, 2nd revised ...

24 Nov 2023 — Chemistry of Imperfect Crystals, Volume 2: Imperfection Chemistry of Crystalline Solids, 2nd revised edition ; Publisher: North-Holland Pub. Co.

The chemistry of imperfect crystals: by F.A. Kröger

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by HF McMurdie · 1964 — Chemical and Physical Aspects: The Chemistry of Imperfect Crystals. F. A. Kroger. North-Holland, Amsterdam; Interscience (Wiley), New York, 1964. xvi + 1039 pp.

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