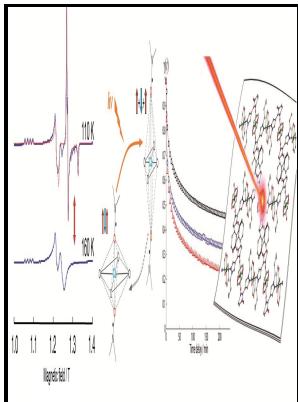


# Crystals for magnetic applications

**Springer-Verlag - [PDF] Application of magnetic fields in industrial growth of silicon single crystals**



Description: -

- Segantini, Giovanni, 1858-1899 -- Exhibitions.  
Crystals -- Magnetic properties.Crystals for magnetic applications

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Crystals ;Crystals for magnetic applications

Notes: Includes bibliographical references.  
This edition was published in 1978



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## Crystals for Magnetic Applications

Here, we show that graphite spontaneously exfoliates into single-layer graphene in chlorosulfonic acid, and dissolves at isotropic concns. Despite these drawbacks many tons of alkali halides for optical applications are grown each year by this technique.

### [PDF] Application of magnetic fields in industrial growth of silicon single crystals

The author does not claim that this list is complete nor is it authoritative, it merely serves to show the range of crystals and sizes currently being grown by bulk growth techniques. However, very high temperatures and pressures are required for growth, unless catalysts are also employed. The seed is fixed in the chuck on the pull rod that rotates and moves through the bearing and seal.

### Single crystals of Dy1

The melt is cooled slightly to increase the crystal diameter until it reaches the size of the die.

### Magnetite

Neither does this chapter cover the more fundamental aspects of the growth of the particular materials covered; again the reader is referred to the relevant chapters within this book, or to other sources of information in the general literature. Applied Surface Science 2018, 441 , 239-250.

### Bulk Crystal Growth: Methods and Materials

Biomagnetics account for the effects of weak magnetic fields on biological systems.

### Magnetite

Advanced Functional Materials 2016, 26 1 , 10-28. Egyptian Journal of Soil Science, 2000.

## **18 crystals for energetic and electromagnetic protection**

The authors also describe here preliminary expts. In 2005, an exploration company, Cardero Resources, discovered a vast deposit of magnetite-bearing sand dunes in

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