

# CLASSIFICATION OF DEFECTS IN CRYSTALLINE SOLID

## Defects in Crystal

```
graph TD; A[Defects in Crystal] --> B[Point Defect]; A --> C[Line Defect]; A --> D[Surface Defect]; A --> E[Volume Defect]; B --> B1[Vacancy]; B --> B2[Interstitial]; B --> B3[Substitutional]; B --> B4[Schottky]; B --> B5[Frenkel]; C --> C1[Edge Dislocation]; C --> C2[Screw Dislocation]; D --> D1[Grain Boundary]; D --> D2[Twin Boundary]; E --> E1[Void]; E --> E2[Crack]; E --> E3[Inclusion]; E --> E4[Precipitate];
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### Point Defect

Vacancy  
Interstitial  
Substitutional  
Schottky  
Frenkel

### Line Defect

Edge Dislocation  
Screw Dislocation

### Surface Defect

Grain Boundary  
Twin Boundary

### Volume Defect

Void  
Crack  
Inclusion  
Precipitate

# Defects In Crystalline Solids

**LP Steffe**



## **Defects In Crystalline Solids:**

## **Defects In Crystalline Solids** Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has been apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Defects In Crystalline Solids**," written by a very acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we shall delve into the book's central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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