



**MATERIALS SCIENCE
& ENGINEERING**
TEXAS A&M UNIVERSITY

Introduction to Materials Science & Engineering

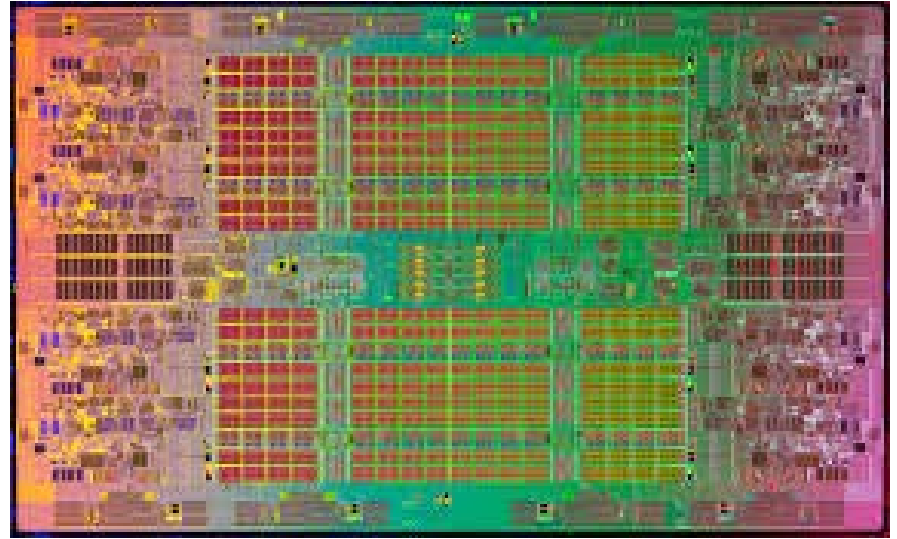
Point Defects

Dr. Patrick Shamberger

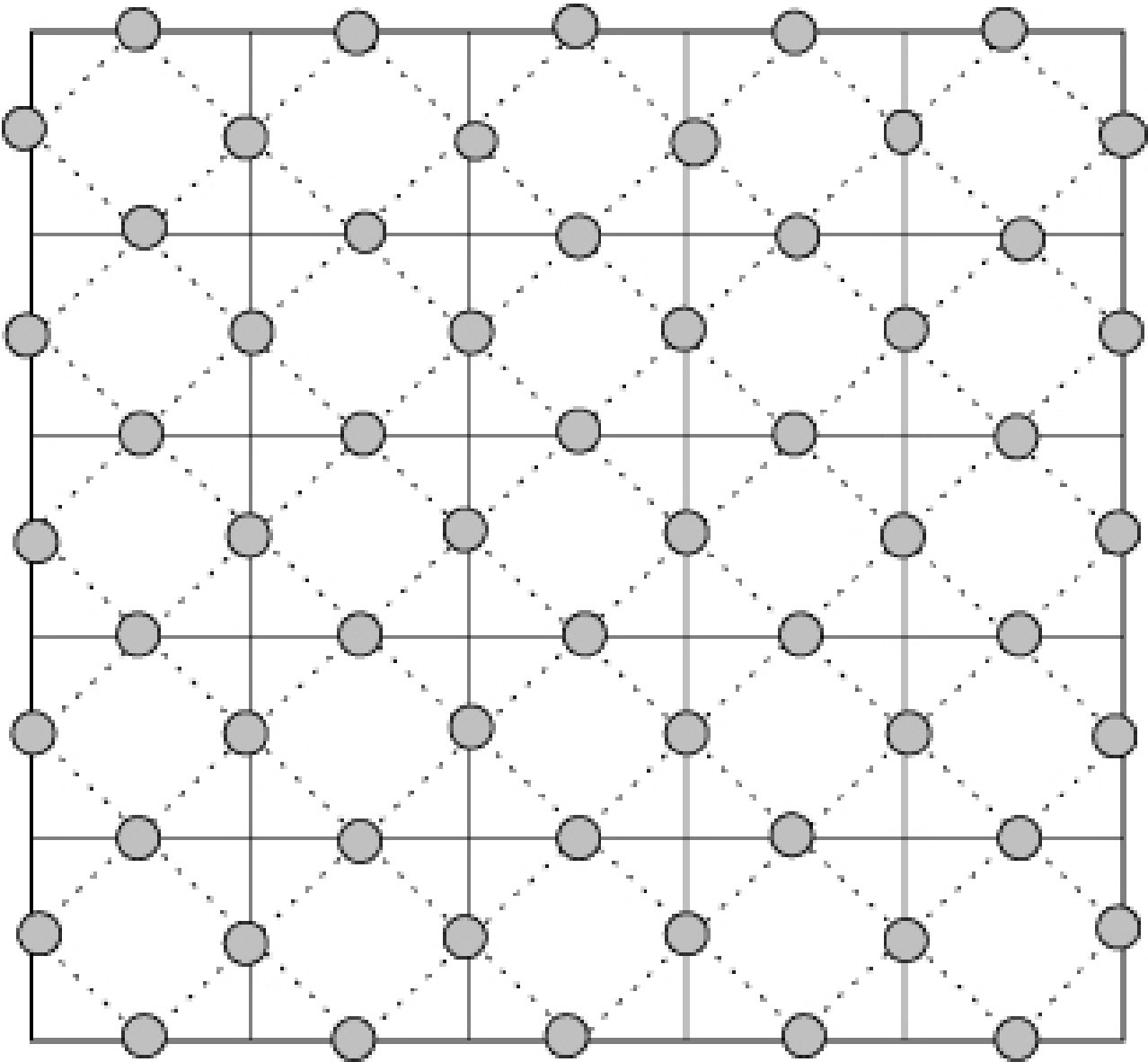
Dept. of Materials Science and Engineering
Dwight Look College of Engineering
Texas A&M University, College Station, TX



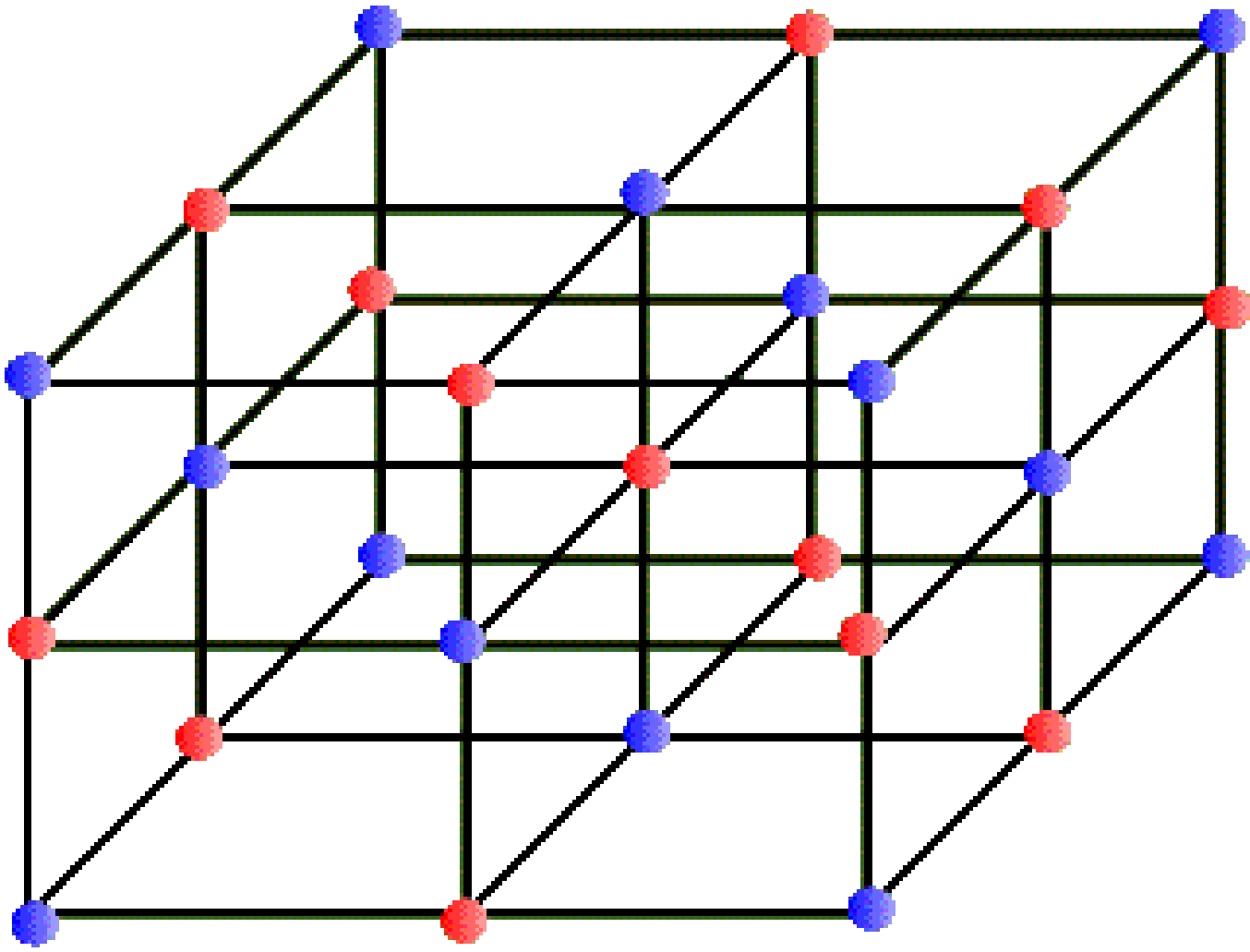
Point Defects



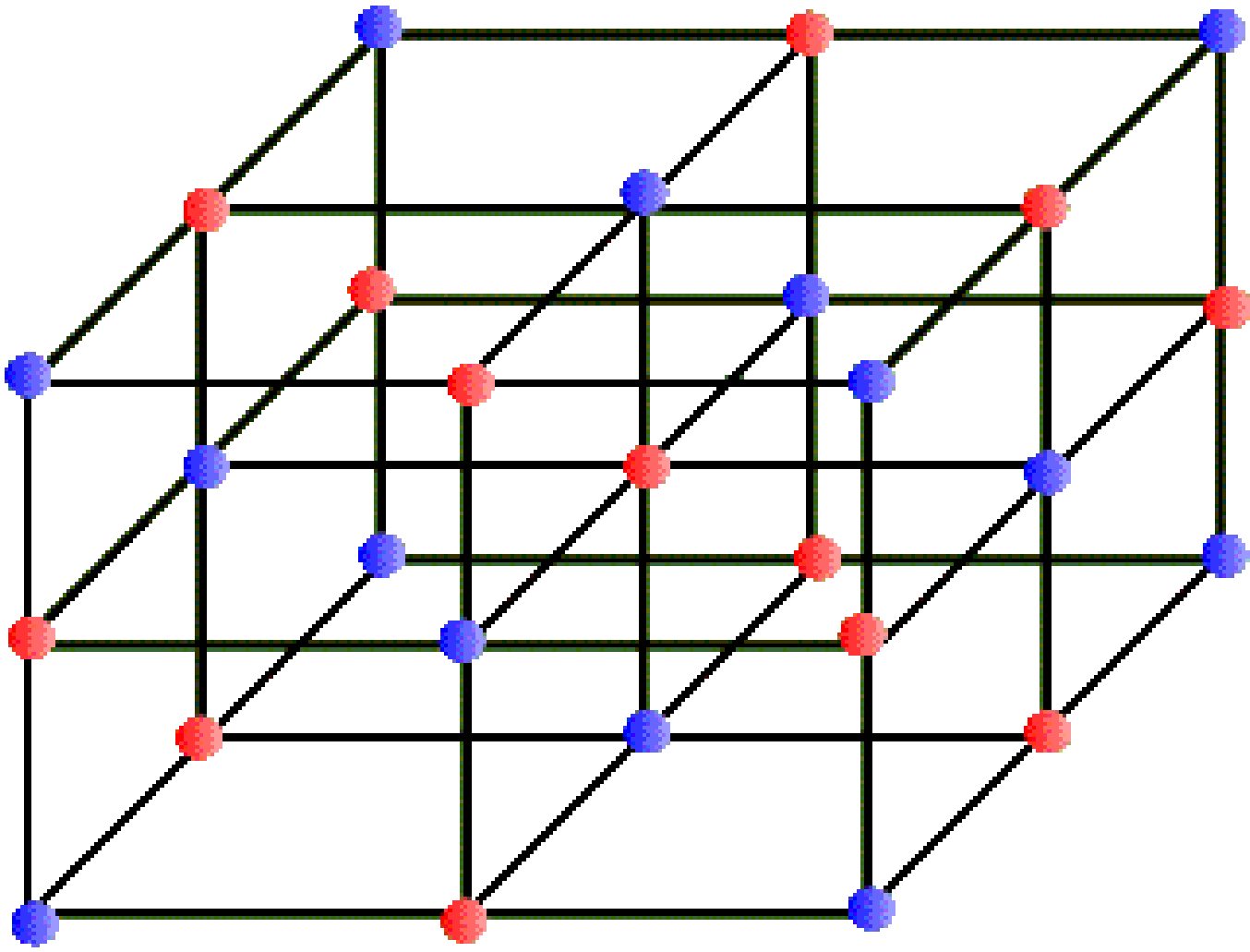
Point Defects



Point Defects



Point Defects



Point Defects

- Types of point defects
- Charge balance (point defects in ceramics)
- Notation