



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

# Introduction to Materials Science & Engineering

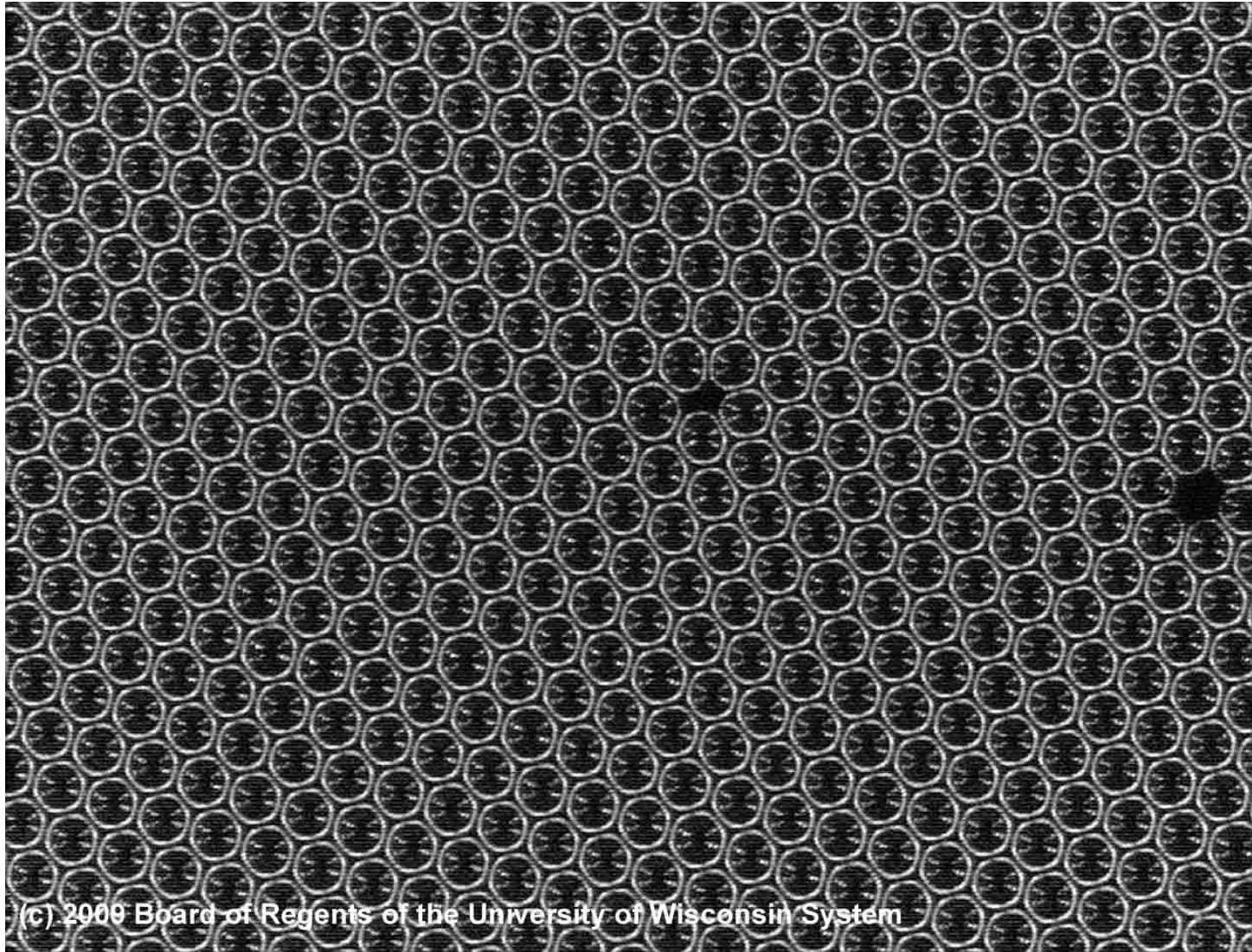
## Edge Dislocation

**Dr. Patrick Shamberger**

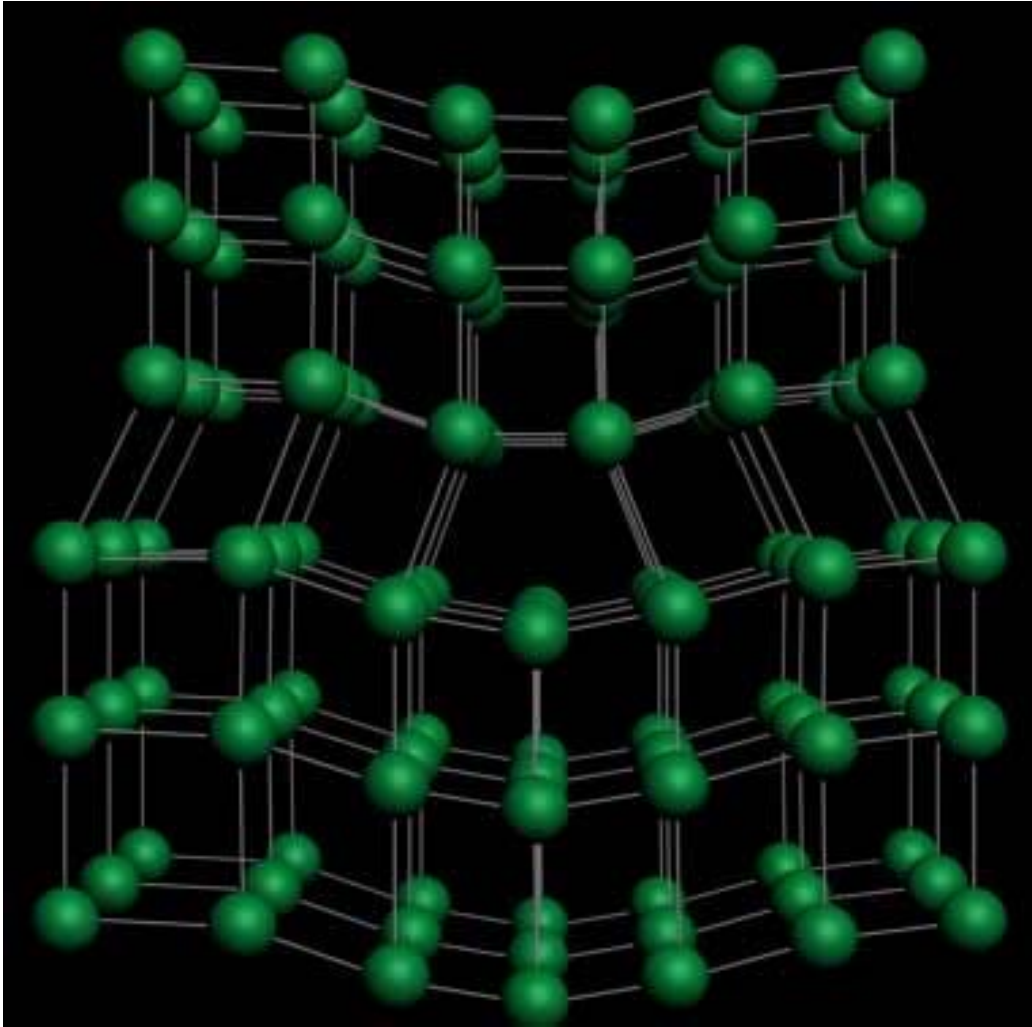
Dept. of Materials Science and Engineering  
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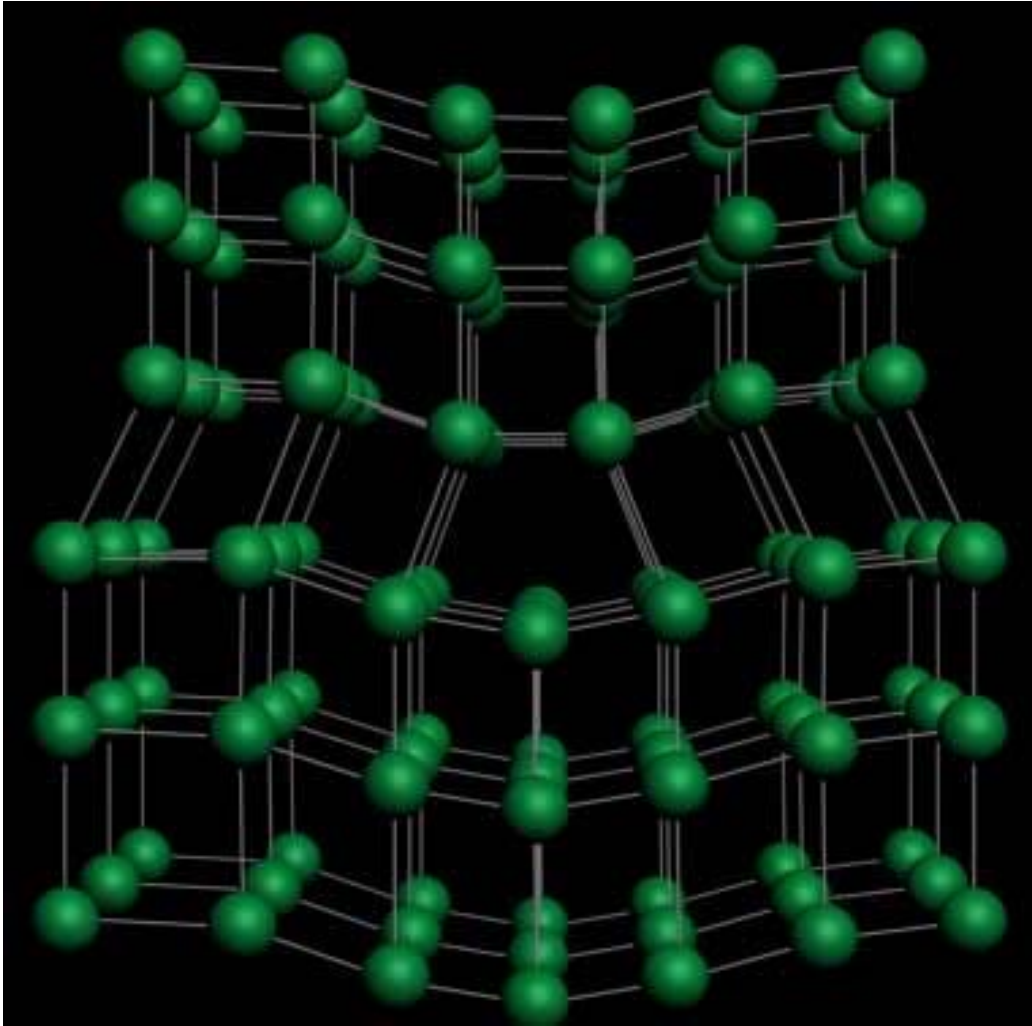
# Edge Dislocations



# Edge Dislocations: Burgers Vector



# Edge Dislocations: Stress Fields



# Edge Dislocations: Dislocation motion

