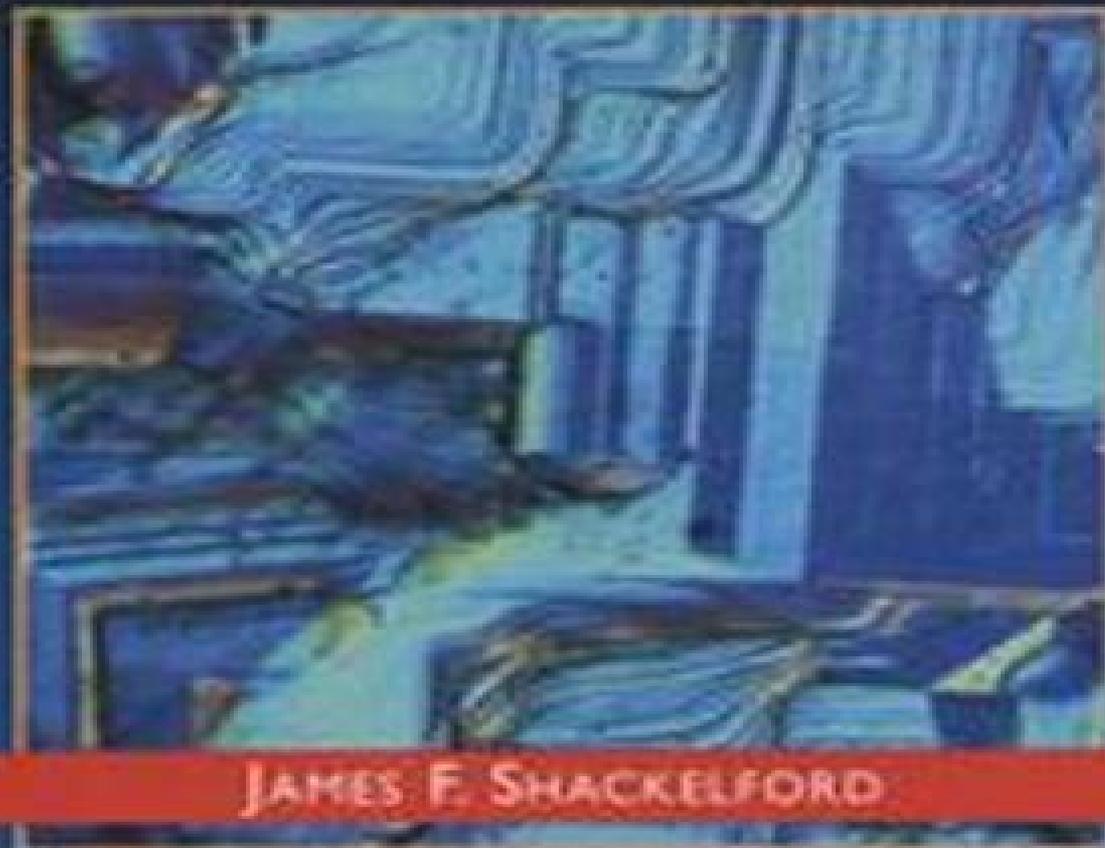


INTRODUCTION TO  
**MATERIALS SCIENCE  
FOR ENGINEERS**

FIFTH EDITION



**JAMES F. SHACKELFORD**

# Introduction To Material Science For Engineers Shackelford

**Jin-Ying Zhang**



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