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Mechanics of Materials, SI Version, 5ed (An Indian Adaptation)

By Timothy A. Philpot, Jeffery S. Thomas, Vadivuchezhian Kaliveeran

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Description

Mechanics of Materials presents the theory and practice of mechanics of materials in a straightforward, student-friendly manner that addresses the learning styles of today's students without sacrificing rigor or depth in the presentation of topics. From basic concepts of stress and strain to more advanced topics like beam deflections and combined loads, this book provides students with everything they need to embark on successful careers in materials and mechanical engineering. Laying an emphasis on critical thinking forms, this text focuses on helping learners develop practical skills, encouraging them to recognize fundamental concepts relevant to specific situations, identify equations needed to solve problems, and engage with literature in the field.

About the Author

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Timothy A. Philpot was an Associate Professor in the Department of Civil, Architectural

Table of Contents

1 Stress

1.1 Introduction

1.2 Normal Stress Under Axial Loading

1.3 Direct Shear Stress

1.4 Bearing Stress

1.5 Stresses on Inclined Sections

1.6 Equality of Shear Stresses on Perpendicular Planes

2 Strain

2.1 Displacement, Deformation

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