

The Mathematics of Deformable Surfaces (The Institute of Mathematics and its Applications Conference Series, New Series)



The concept of deformable surfaces covers a wide range of mathematical ideas and techniques and has applications in all kinds of surfaces, from textile fabrics to sheet metal. Deformable Surfaces is a collection of papers, presented at a recent Institute of Mathematics and its Applications conference, covering different aspects of the changes in surfaces (metals, materials, water) as a result of physical forces. The main topics of the conference were modelling deforming surfaces, the deformation of notional surfaces, and techniques for analyzing deforming interfaces. All research mathematicians and engineers interested in the motion and deformation of surfaces will find this book a useful addition to their libraries.

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