



IUTAM Symposium on Microstructure-Property Interactions in Composite Materials Proceedings of the IUTAM Symposium held in Aalborg, Denmark, 22-25 August 1994 Solid Mechanics and Its Applications

By -

Springer. Paperback. Book Condition: New. Paperback. 448 pages. Dimensions: 9.4in. x 6.3in. x 1.1in. The IUTAM Symposium on Microstructure Property Interactions in Composite Materials was held during the dates 22nd to 25th August 1994 in Rebild Bakker Conference Centre, situated in the heart of one of Denmark's most beautiful natural areas. Participation in the Symposium was reserved for invited participants, suggested by members of the Scientific Committee. The cooperation with the Scientific Committee is highly appreciated. The Symposium brought together 76 researchers from 15 countries representing a broad range of backgrounds relevant to the topic of the meeting. The participants represented the disciplines of materials science and engineering, applied mechanics, applied mathematics and scientific computations. The Symposium comprehensively addressed the analytical, numerical and experimental methods that provide an estimation of the overall, effective properties from microstructural data. The 41 contributions emphasized the significance of the microstructure morphology in understanding the nature and origin of a multitude of properties such as viscoelasticity, plasticity, strength and fracture for a variety of polymer, metal and ceramic based

Reviews

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