

# Trends In Computational Contact Mechanics

[DOWNLOAD HERE](#)

The subject of Computational Contact Mechanics has many facets. Its main impact lies in the transfer of knowledge from theoretical research to applied sciences, and from there to industry. The application fields are literally countless, ranging from classical engineering to biomechanics and nano-sciences. The remarkable increase of computer power in recent years has been instrumental in enabling the development of simulation-based analysis in current design activity. This still involves tremendous effort in research, which focuses on, for example, multi-field and multi-scale problems, algorithmic robustness, and geometrical accuracy. Moreover, several aspects of Contact Mechanics, Debonding and Fracture Mechanics, have been combined to offer new enhanced possibilities to the computer simulation of complex phenomena. With these contributions of prominent scientists, this book offers a wide overview on the ongoing research at the highest level in the field. EAN/ISBN : 9783642221675 Publisher(s): Springer, Berlin Discussed keywords: Kontaktmechanik Format: ePub/PDF Author(s): Zavarise, Giorgio - Wriggers, Peter

[DOWNLOAD HERE](#)

## Similar manuals:

[Trends In Computational Contact Mechanics](#)