1. Record Nr. UNINA9910647215603321 Titolo Advances in micro- and nanomechanics / / edited by Laura Mayol, Marco Biondi Pubbl/distr/stampa Basel, Switzerland:,: MDPI - Multidisciplinary Digital Publishing Institute, , [2023] ©2023 **ISBN** 3-0365-6292-3 Descrizione fisica 1 online resource (212 pages) Disciplina 620.1 Soggetti Micromechanics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Sommario/riassunto This book focuses on recent advances in both theoretical and experimental studies of material behaviour at the micro- and nanoscales. Special attention is given to experimental studies of nanofilms, nanoparticles and nanocomposites as well as tooth defects. Various experimental techniques were used. Magneto- and thermoelastic coupling were considered, as were nonlocal models of thin structures.