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Nota di contenuto	Effect of Physical Vapour Deposition Coatings on High Speed Steel Single Point Cutting Tool -- The Effect of the Gap Distance Between Electrodes on Removal Rate in PMEDM Using FEA -- Preliminary Study of Stress Distribution on Modified Femoral Component of Knee Implant at Maximum Flexion Angle -- Study of CO Solid Formation During Blow down of Cryogenic CO-CH Distillation Process -- Prediction of Fatigue Failure Location on Lower Control Arm using Finite Element Analysis (Stress Life Method) -- Numerical investigation of sand particle erosion in long radius elbow for multiphase flow -- Reduction Of Non Added Value Activities During Machine Breakdown To Increase Overall Equipment Efficiency Surface Mounting Technology Production case study -- Vibration Analysis Methods for Misalignment and Tolerance Problems in Machine Systems: A Review -- Limbs disabled needs for an ergonomics assistive technologies and car modification.
Sommario/riassunto	This book presents selected papers from the 4th International Conference on Mechanical, Manufacturing and Plant Engineering (ICMMPE 2018), which was held in Melaka, Malaysia from the 14th to the 15th of November 2018. The proceedings discuss genuine problems concerning joining technologies that are at the heart of various manufacturing sectors. In addition, they present the outcomes

of experimental and numerical works addressing current problems in soldering, arc welding and solid-state joining technologies.