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1.10.3. Study of X /R control charts - quality control lab1.10.4. Graphical representation of the rejections due to non-conformity to TI; 1.10.5. Performance case study: Capabilities; 1.10.6. Calculating machine capability indices: Cm and Cmk; 1.11. Conclusion; 1.12. Bibliography; Chapter 2. Quality Control Case Studies; 2.1. The tools of quality, as per W. Deming; 2.2. Failure modes, effects and criticality analysis; 2.3. Total productive maintenance method; 2.4. The LMMEM "5M" process method; 2.5. Estimations of times in mechanical productions (machining)
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2.8.3. Control charts for the average X and the range R

Sommario/riassunto

This third book of a 3-volume set on Fracture Mechanics adds a pragmatic and supportive character to the previous volumes by focusing on case studies using corrected exercises that teachers, students or engineers will find extremely useful. Due to the wide themes approached in this series, it can also be used to organize work in this field in a new way, as well as in the maintenance of industrial plants.Several cases of sampling plans and their applications in industry are presented, as well as several solved case studies on the main indicators of capability according to ISO/TS 16949,