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	Nota di contenuto	Intro -- DETERMINING AND ASSESSING PROCESS CAPABILITY FOR ENGINEERS AND MANUFACTURING -- DETERMINING AND ASSESSING PROCESS CAPABILITY FOR ENGINEERS AND MANUFACTURING -- CONTENTS -- Chapter 1 INTRODUCTION -- HISTORICAL OVERVIEW -- ASSESSING PROCESS CAPABILITY -- REFERENCES AND ADDITIONAL READING -- Chapter 2 CONDUCTING A CAPABILITY STUDY -- ESTABLISHING CAPABILITY GOALS -- FREE OF VARIATION DUE TO ASSIGNABLE CAUSE -- SAMPLING CONSIDERATIONS -- USING CONTROL CHART DATA -- WHEN CONTROL CHART DATA ARE NOT USED -- LONG AND SHORT RUN CAPABILITY STUDIES -- Chapter 3 MEASURING PROCESS CAPABILITY -- FIRST GENERATION MEASURES AND THEIR ESTIMATORS -- THE PROCESS CAPABILITY INDEX, Cp -- Example -- THE CAPABILITY INDICES - Cpl, Cpu, Cpk AND Cpm -- ASYMMETRIC SPECIFICATION LIMITS -- THE CAPABILITY INDICES - Cpl*, Cpu*, Cpk*, Cpm* AND Cpmk -- CONSOLIDATING THE CAPABILITY INDICES, Cpw -- INTERPRETING PROCESS CAPABILITY MEASURES -- Example -- ALTERNATIVE MEASURE OF PROCESS CAPABILITY INDEX -- Example -- REFERENCES AND ADDITIONAL READINGS -- Chapter 4 ANALYZING PROCESS CAPABILITY STUDIES -- THE OC CURVE APPROACH FOR ANALYZING pCˆ -- THE OC CURVE APPROACH FOR ANALYZING pkCˆ -- THE OC CURVE APPROACH TO ANALYZING pmCˆ -- Example -- A BAYESIAN APPROACH FOR ANALYZING Cp, Cpm, Cpk

| Sommario/riassunto | This work illustrates the use of the most common process capability indices. The hope is that it will foster the safe use and development of PCIs among practitioners and researchers. |