Record Nr. UNINA9910458403203321 Autore **Evans Mark** Titolo Optimisation of manufacturing processes [[electronic resource]]: a response surface approach / / Mark Evans London, : Maney for the Institute of Materials, Minerals and Mining, Pubbl/distr/stampa 2003 **ISBN** 1-62198-546-6 1-907747-33-8 Descrizione fisica 1 online resource (332 p.) Disciplina 658.5 670 Soggetti Production planning Experimental design Quality control Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di bibliografia Includes bibliographical references and index. Nota di contenuto pt. 1. Concepts, methods and case studies -- pt. 2. Linear experimental designs -- pt. 3. Optimisation of linear processes -- pt. 4. Non linear experimental designs -- pt. 5. Optimisation of non linear processes. Sommario/riassunto Many engineering companies around the world are currently undergoing a quality control and improvement revolution that originally started in Japan many decades ago and this book provides a brief overview of this revolution. Robust design is a central component of the modern approach to quality improvement and is a phrase used to describe any engineering activity whose Robust design is a central component of the modern approach to quality improvement and is a

phrase used to describe any engineering activity whose objective is to develop high quality products (and processes) at low cost. A key c