Record Nr. UNINA9910373886803321 Autore Dyckhoff Harald Titolo Performance Evaluation: Foundations and Challenges / / by Harald Dyckhoff, Rainer Souren Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2020 **ISBN** 3-030-38732-1 Edizione [1st ed. 2020.] Descrizione fisica 1 online resource (114 pages) Collana SpringerBriefs in Business, , 2191-5482 Disciplina 658.3125 Soggetti Operations research **Decision making** Production management Manpower policy Quality of life Operations Research/Decision Theory Production **Human Resource Development** Quality of Life Research Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Main Performance Categories: Effectiveness and Efficiency -- Multi-Nota di contenuto criteria Production Theory: Foundation of Performance Evaluation --Data Envelopment Methodology of Performance Evaluation --Challenges of Performance Evaluation in Practice. . This book examines performance evaluation in the context of assessing Sommario/riassunto the non-financial outcomes of human activities. The topic is particularly relevant when economic, environmental or social performance has to be evaluated, e.g. the efficiency of actions and the lifecycles of products. The authors combine multi-criteria decisionmaking and production theories to develop a theoretical and methodological foundation for performance evaluation. They also demonstrate the typical pitfalls that are hindering the implementation

of contemporary methods in practice. Special emphasis is placed on efficiency measurement with data envelopment analysis (DEA), and on

data aggregation in life cycle assessment (LCA). .