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| | Nota di contenuto | Introduction to GAMS -- Introduction to Data Envelopment Analysis -- Extensions of DEA models -- Non-radial DEA models -- Allocative, cost, technical, revenue, and profit efficiency -- Special cases in DEA -- Productivity change -- Concluding remarks. |
| | Sommario/riassunto | This book provides a comprehensive and practical introduction to Data Envelopment Analysis (DEA). It explains how this non-parametric technique is used to measure performance and extract efficiency from homogeneous entities within a production procedure. It situates DEA within a growing field of productivity analysis and performance measurement, for which numerous models have been proposed. This book encapsulates all of the advances in DEA models proposed in the literature. These models are presented in the context of the GAMS software, which is a powerful tool for mathematical programming models. This book serves two educational purposes: it introduces readers to DEA models and provides examples using GAMS. In addition, |

the reader is introduced to GAMS programming, as well as innovative and practical applications. GAMS codes are available for free, allowing readers to test and expand the models to meet their specific needs.