1. Record Nr. UNINA9910254317503321 Autore Sharma Sanjay Titolo Inventory Parameters / / by Sanjay Sharma Singapore:,: Springer Singapore:,: Imprint: Springer,, 2017 Pubbl/distr/stampa **ISBN** 981-10-4545-3 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (XI, 237 p. 47 illus.) 670 Disciplina Soggetti Industrial engineering Production engineering **Business logistics** Leadership Industrial and Production Engineering Supply Chain Management Business Strategy/Leadership Lingua di pubblicazione Inglese **Formato** Materiale a stampa Monografia Livello bibliografico Note generali Includes index. Introduction -- Demand -- Ordering cost -- Inventory carrying cost --Nota di contenuto Procurement cost -- Cycle time -- Stock out. Sommario/riassunto This book provides a detailed overview of various parameters/factors involved in inventory analysis. It especially focuses on the assessment and modeling of basic inventory parameters, namely demand, procurement cost, cycle time, ordering cost, inventory carrying cost, inventory stock, stock out level, and stock out cost. In the context of economic lot size, it provides equations related to the optimum values. It also discusses why the optimum lot size and optimum total relevant

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cost are considered to be key decision variables, and uses numerous examples to explain each of these inventory parameters separately. Lastly, it provides detailed information on parameter estimation for different sectors/products. Written in a simple and lucid style, it offers a valuable resource for a broad readership, especially Master of