1. Record Nr. UNINA9910698849903321

Titolo	Spectral element methods [[electronic resource]] : algorithms and architectures / / Paul Fischer ... [and others]
Pubbl/distr/stampa	[Washington, D.C.] : , : [National Aeronautics and Space Administration], , [1988?]
Descrizione fisica	1 volume
Collana	NASA-CR ; ; 182701
Altri autori (Persone)	FischerP. F (Paul F.)
Soggetti	Algorithms Architecture (computers) Partial differential equations Spectral methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed May 15, 2009)

2. Record Nr. UNINA9910298165203321

Autore	Altendorfer Klaus
Titolo	Capacity and inventory planning for make-to-order production systems : the impact of a customer required lead time distribution / / Klaus Altendorfer
Pubbl/distr/stampa	New York, : Springer, 2013
ISBN	3-319-00843-9
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (150 p.)
Collana	Lecture Notes in Economics and Mathematical Systems, , 0075-8442 ; ; 671
Disciplina	658.50015118
Soggetti	Manufactures Manufacturing industries
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographic references.
Nota di contenuto	Introduction -- Literature Review -- Single-Stage Service Level and Tardiness Model -- Simultaneous Capacity and Planned Lead Time Optimization -- Optimal Composition of Number and Size of Machines -- Service Level Constraint Models -- Conclusion.
Sommario/riassunto	The book presents different models for the simultaneous optimization problem of capacity investment and work release rule parameterization. The overall costs are minimized either including backorder costs or considering a service level constraint. The available literature is extended with the integration of a distributed customer required lead time in addition to the actual demand distribution. Furthermore, an endogenous production lead time is introduced. Different models for make-to-order production systems with one or multiple serial processing stages are developed. Capacity investment is linked to the processing rates of the machines or to the number of the machines. Results are equations for service level, tardiness, and FGI lead time in such a production system. For special cases with M/M/1 and M/M/s queues explicit solutions of the optimization problems or optimality conditions concerning capacity investment and work release rule parameterization are provided.