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Titolo	Introduction to scheduling / / edited by Yves Robert, Frederic Vivien
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (334 p.)
Collana	Chapman & Hall/CRC computational science series
Altri autori (Persone)	RobertYves <1958 September 5-> VivienFrederic
Disciplina	004/.36
Soggetti	Electronic data processing - Distributed processing Computer scheduling - Mathematical models Multiprocessors Computational grids (Computer systems)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Chapman & Hall book."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	On the complexity of scheduling / Peter Brucker and Sigr�d Knust -- Approximation algorithms for scheduling problems / Jean-Claude Konig and Rodolphe Giroudeau -- Online scheduling / Susanne Albers -- Job scheduling / Uwe Schwiegelshohn -- Cyclic Scheduling / Claire Hanen -- Cyclic scheduling for the synthesis of embedded systems / Olivier Marchetti and Alix Munier-Kordon -- Steady-state scheduling / Olivier Beaumont and Loris Marchal -- Divisible load scheduling / Matthieu Gallet, Yves Robert, and Frederic Vivien -- Multi-objective scheduling / Pierre-Francois Dutot ... [et al.] -- Comparisons of stochastic task-resource systems / Bruno Gaujal and Jean-Marc Vincent -- The influence of platform models on scheduling techniques / Lionel Eyraud-Dubois and Arnaud Lagrand.
Sommario/riassunto	Reviewing classical methods, realistic models, and algorithms, this book offers a through introduction to scheduling. Coverage includes fundamental concepts and basic methods, recent research, and

applications with a special focus on distributed systems and computational grids. Other topics include online scheduling, stochastic task-resource systems, and platform models. Examples, theorems, and pedagogical proofs create an interactive learning format. Though rigorous, the book provides enough background to be self-contained and fully accessible to computer scientists, mathematicians, and resea
