1. Record Nr. UNICASMIL0073398

Autore	Zienkiewicz, Olgierd Cecil
Titolo	Introductory lectures on the finite element method / Olgierd C. Zienkiewicz
Pubbl/distr/stampa	Wien ; New York, : Springer, 1973
ISBN	0387812024 3211812024
Descrizione fisica	98 p. ; 24 cm.
Collana	Courses and lectures / International centre for mechanical sciences ; 130
Disciplina	620.001515353
Soggetti	Metodo degli elementi finiti
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9911019226403321

Autore	Pattavina Achille
Titolo	Switching Theory, Architectures and Performance in Broadband ATM Networks: Architectures and Performance in Broadband ATM Networks
Pubbl/distr/stampa	[Place of publication not identified], : John Wiley & Sons Incorporated, 1998
ISBN	1-280-55527-0 9786610555277 0-470-85251-8 0-470-84191-5
Descrizione fisica	1 online resource (423 pages)
Disciplina	621.3815372
Soggetti	Asynchronous transfer mode Broadband communication systems Communication technology Computer network architectures Switching theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
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Sommario/riassunto

Reflecting the developments in the integrated transport of heterogenous kinds of communication services, this book provides an account of the switching for broadband ATM networks by covering three different areas: the theory of switching; the architecture of ATM switching fabrics; and the performance of the ATM switching fabrics.; The book combines the analysis of ATM theory, architecture and performance and presents the analytical models available to evaluate the traffic performance of ATM switches under random traffic, together with a wide set of results on the traffic performance of each single ATM switch architecture.