

1. Record Nr.	UNINA9911020104303321
Autore	Helvoort Huub van
Titolo	SDH/SONET explained in functional models : modeling the optical transport network / / Huub van Helvoort
Pubbl/distr/stampa	Chichester, : Wiley, c2005
ISBN	9786610242801 9781280242809 1280242809 9780470091258 0470091258 9780470091241 047009124X
Descrizione fisica	1 online resource (302 p.)
Disciplina	621.38216
Soggetti	Synchronous digital hierarchy (Data transmission) SONET (Data transmission)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	SDH/SONET Explained in Functional Models; Contents; Preface; Acknowledgements; Abbreviations; 1 Introduction; 1.1 History; 1.2 Justification; 1.3 Remarks on the concept; 1.4 Standards structure; 2 Functional modeling; 2.1 Functional architecture of transport networks; 2.2 Functional model requirements; 2.3 Functional model basic structure; 2.3.1 Architectural components; 2.3.2 Topological components; 2.4 Functional model detailed structure; 2.4.1 Transport entities; 2.4.2 Transport processing functions; 2.4.3 Reference points; 2.4.4 Components comparison; 2.5 Client/server relationship 2.5.1 Multiplexing2.5.2 Inverse multiplexing; 2.6 Layer network interworking; 2.7 Linking the functional model and the information model; 2.8 Application of concepts to network topologies and structures; 2.8.1 PDH supported on SDH layer networks; 2.8.2 Inverse multiplexing transport; 3 Partitioning and layering; 3.1 Layering concept; 3.2 Partitioning concept; 3.2.1 Sub-network partitioning; 3.2.2 Flow domain partitioning; 3.2.3 Link partitioning; 3.2.4 Access

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## Sommario/riassunto

H/SONET Explained in Functional Models represents a fresh approach to the modeling of transport network technologies. This practical guide and reference text uncovers the description of SDH (Synchronous Digital Hierarchy), SONET (Synchronous Optical Network) and OTN (Optical Transport Network) transport networks and equipment using functional/atomic modeling techniques. It clearly explains the use of models in the ITU-T and ETSI standards, the transport networks and the transport equipment in the definition, implementation and deployment phase. Pays particular atte

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