

1. Record Nr.	UNINA9910148564403321
Autore	Brown Laaren
Titolo	Polar animals / / Laaren Brown
Pubbl/distr/stampa	New York, NY : , : Liberty Street, an imprint of Time Inc. Books, , 2015
ISBN	1-61893-492-9
Edizione	[First edition.]
Descrizione fisica	1 online resource (80 pages) : illustrations
Collana	Animal bites
Disciplina	591.70911/3
Soggetti	Animals - Polar regions Animals JUVENILE NONFICTION / Science & Nature / Environmental Science & Ecosystems JUVENILE NONFICTION / Animals / Bears Animals - Polar Regions Electronic books. Polar regions
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	At head of title: Animal Planet.
Nota di bibliografia	Includes bibliographical references (page 75) and index.
Sommario/riassunto	Describes the physical characteristics, behavior, and habitat of polar animals, including king penguins, narwhals, and reindeer.--

2. Record Nr.	UNISA996204765303316
Autore	Helvoort Huub van
Titolo	The ComSoc guide to next generation optical transport : SDH/SONET/OTN / / Huub van Helvoort
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE Press, , c2009 [Piscataway, New Jersey] : , : IEEE Xplore, , [2009]
ISBN	1-282-36270-4 9786612362705 0-470-48044-0 0-470-48043-2
Descrizione fisica	1 online resource (225 p.)
Collana	The ComSoc guides to communications technologies ; ; 3
Disciplina	621.382 621.3827
Soggetti	Optical communications SONET (Data transmission) Synchronous digital hierarchy (Data transmission)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The ComSoc guides to communications technologies."
Nota di bibliografia	Includes bibliographical references (p. 203) and index.
Nota di contenuto	PREFACE -- 1. INTRODUCTION TO OPTICAL TRANSPORT -- 1.1 History -- 1.2 Conventions -- 1.3 Standard Documents from Different SDOs -- 2. NETWORK ARCHITECTURES: THE STRUCTURE OF THE NETWORK -- 2.1 Network Topology -- 2.2 Network Functional Model -- 3. FRAMES AND STRUCTURES: TRANSPORT IN CONTAINERS -- 3.1 SDH Frames and Structures -- 3.2 OTN Frames and Structures -- 3.3 PDH Frame Structures -- 3.4 PTN Frame Structures -- 4. NETWORK MODELING: LAYERS AND ATOMIC FUNCTIONS. -- 4.1 The Synchronous Digital Hierarchy SDH -- 4.2 The SDH Higher Order Path (Sn) Layer -- 4.3 The SDH Lower Order Path (Sm) Layer -- 4.4 The SDH Multiplex Section (MSn) Layer -- 4.5 The SDH Regenerator Section (RSn) Layer -- 4.6 The SDH Optical Section (OSn) Layer -- 4.7 The SDH Electrical Section (ES1) Layer -- 4.8 The Layers Below the SDH OSn and ES1 Layer -- 4.9 The Optical Transport Network OTN -- 4.10 The OTN Optical Channel Data Unit Layer (ODUk) -- 4.11 The OTN Optical Channel Transport Unit Layer (OTUk) -- 4.12 The OTN Optical Channel Layer (OCh) -- 4.13 The

OTN Optical Multiplex Section Layer (OMSn) -- 4.14 The OTN Optical Transmission Section Layer (OTSn) -- 4.15 The OTN Optical Physical Section Layer (OPS) -- 5. PACKET TRANSPORT NETWORK MODELING: EXTENDING THE MODEL TO NGN -- 5.1 The Generic PTN Layer -- 5.2 The PTN-Specific OAM Traffic Units -- 6. FREQUENCY JUSTIFICATION: POINTERS AND STUFFING -- 6.1 Pointer Processing -- 6.2 Bit Stuffing -- 6.3 Positive and Negative Justification -- 7. PROTECTION MECHANISMS: IMPROVE AVAILABILITY -- 7.1 Availability -- 7.2 Protection Architectures -- 7.3 Protection Classes -- 8. MAPPING METHODOLOGIES: FITTING THE PAYLOAD IN THE CONTAINER -- 8.1 SDH/SONET--Container C-n Mapping -- 8.2 OTN--Container OPUk Mapping -- 8.3 GFP Mapping -- 9. CONCATENATION: TO GROW AND PROVIDE FLEXIBILITY. -- 9.1 Contiguous Concatenation (CCAT) -- 9.2 Virtual Concatenation (VCAT) -- 9.3 Link Capacity Adjustment Scheme (LCAS) -- 10. SDH VS. SONET OVERHEAD PROCESSING: COMMONALITIES AND DIFFERENCES. ABBREVIATIONS -- REFERENCES -- BIBLIOGRAPHY -- INDEX.

Sommario/riassunto

A comprehensive guide to SDH, SONET, and OTN The ComSoc Guide to Next Generation Optical Transport provides a unique overview of SDH and OTN for engineers who are new to the field, as well as manufacturers, network operators, and graduate students who need a basic understanding of the topics. Fully up-to-date with the latest research and written by one of the foremost experts in the field, it covers: Network architectures Frames and structures Network modeling Packet transport network modeling Frequency justification Protection mechanisms
