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Autore	Bleys Joris
Titolo	Language strategies for the domain of colour [[electronic resource] /] / Joris Bleys
Pubbl/distr/stampa	Berlin, Germany : , : Language Science Press, , 2015 ©2015
Descrizione fisica	1 online resource (218 pages) : illustrations; digital, PDF file(s)
Collana	Computational Models of Language Evolution ; ; volume 3
Disciplina	415.018
Soggetti	Color Information technology Language and languages Philology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	This book presents a major leap forward in the understanding of colour by showing how richer descriptions of colour samples can be operationalized in agent-based models. Four different language strategies are explored: the basic colour strategy, the graded membership strategy, the category combination strategy and the basic modification strategy. These strategies are firmly rooted in empirical observations in natural languages, with a focus on compositionality at both the syntactic and semantic level. Through a series of in-depth experiments, this book discerns the impact of the environment, language and embodiment on the formation of basic colour systems. Finally, the experiments demonstrate how language users can invent their own language strategies of increasing complexity by combining primitive cognitive operators, and how these strategies can be aligned between language users through linguistic interactions.

2. Record Nr.	UNINA9911019813503321
Autore	Helvoort Huub van
Titolo	Next generation SDH/SONET : evolution or revolution? // Huub van Helvoort
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ISBN	9786610241804 9781280241802 1280241802 9780470091227 0470091223 9780470091210 0470091215
Descrizione fisica	1 online resource (256 p.)
Disciplina	621.3821 621.38216
Soggetti	Synchronous digital hierarchy (Data transmission) SONET (Data transmission)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Next Generation SDH/SONET; Contents; Preface; Acknowledgements; 1 Introduction; 1.1 History; 1.2 Conventions; 2 Concatenation; 2.1 Payload container concatenation; 2.2 Contiguous concatenation; 2.2.1 CCAT of VC-4 and STS-1 SPE; 2.2.2 CCAT of VC-2; 2.3 Virtual concatenation; 2.3.1 Payload distribution and reconstruction; 2.3.2 VCAT of VC-n; 2.3.3 VCAT of VC-m; 2.3.4 VCAT of PDH; 2.4 Applications of concatenation; 2.4.1 Contiguous to virtual to contiguous conversion; 2.4.2 VCAT and data transport; 2.4.3 VCAT and OTN signal transport; 3 Link capacity adjustment scheme; 3.1 Introduction 3.2 LCAS for virtual concatenation 3.2.1 Methodology; 3.2.2 Control packet; 3.3 Changing the size of a virtual concatenated group; 3.3.1 Planned addition of member(s); 3.3.2 Planned deletion of member(s); 3.3.3 Temporary removal of member; 3.4 LCAS to non-LCAS interworking; 3.4.1 LCAS Source and non-LCAS Sink; 3.4.2 Non-LCAS

Source and LCAS Sink; 3.5 LCAS control packet details; 3.5.1 The higher order VLI; 3.5.2 The lower order VLI; 3.5.3 The OTN VLI; 3.5.4 The PDH VLI; 4 The LCAS protocol; 4.1 Introduction; 4.1.1 Asymmetric connections; 4.1.2 Symmetric connections
4.1.3 Unidirectional operation4.2 The size of a VCG; 4.3 The LCAS protocol described using SDL; 4.3.1 Used SDL symbols; 4.3.2 LCAS state machines; 4.3.3 LCAS events used in the SDL diagrams; 4.3.4 The SDL diagrams; 5 LCAS time sequence diagrams; 5.1 Introduction; 5.2 Provisioning a member; 5.3 VCG state transition examples; 5.3.1 An increase of the bandwidth of a VCG; 5.3.2 A decrease of the bandwidth of a VCG; 5.3.3 Decrease of bandwidth due to a network problem; 6 Generic framing procedure; 6.1 Introduction; 6.2 Common aspects of GFP for octet-aligned payloads
6.2.1 Basic signal structure for GFP client frames6.2.2 GFP client frames; 6.2.3 GFP control frames; 6.2.4 GFP frame-level functions; 6.3 Client specific aspects for frame-mapped GFP; 6.3.1 Ethernet MAC payload; 6.3.2 IP/PPP payload; 6.3.3 RPR payload; 6.3.4 Fibre Channel payload via FC-BBW; 6.3.5 Direct mapping of MPLS; 6.3.6 Error handling in frame-mapped GFP; 6.4 Client specific aspects for transparent-mapped GFP; 6.4.1 Common aspects of GFP-T; 6.4.2 Client-specific signal fail aspects; 6.5 Server specific aspects of GFP; 6.6 GFP PDU examples; 6.6.1 GFP-F PDU; 6.6.2 GFP-T PDU
6.6.3 GPT CMF PDU7 Functional models for LCAS and GFP; 7.1 Virtual concatenation functions; 7.1.1 Sn-Xv Trail Termination function; 7.1.2 Sn-Xv/Sn-X adaptation function; 7.1.3 Sn-X Trail Termination function; 7.1.4 Sn Trail Termination function; 7.2 S4-Xc to S4-Xc interworking function; 7.3 LCAS-capable VCAT functions; 7.3.1 Sn-Xv-L Layer Trail Termination function; 7.3.2 Sn-Xv/Sn-X-L adaptation function; 7.3.3 Sn-X-L Trail Termination function; 7.3.4 Sn Trail Termination function; 7.3.5 Sn-X-L to Client adaptation function; 7.4 GFP adaptation functions
7.4.1 Source side GFP adaptation processes

Sommario/riassunto

Since the turn of the twentieth century, telecommunications has shifted from traditional voice transport to data transport, although digitized voice is still a large contributor. Instead of an evolution of existing transport standards, a revolution was necessary in order to enable additional data-related transport. Next Generation SDH/SONET provides a detailed description of the enablers of efficient data transport over any synchronous network. These include virtual concatenation (VCAT), the operation to provide more granularity, and the link capacity adjustment scheme (LCAS), an exte
