Record Nr. UNINA9910958180003321 Autore Lamb Sydney M Titolo Pathways of the brain: the neurocognitive basis of language // Sydney M. Lamb Pubbl/distr/stampa Amsterdam; ; Philadelphia, : J. Benjamins, c1999 **ISBN** 1-283-15843-4 9786613158437 90-272-8403-2 Edizione [1st ed.] Descrizione fisica 1 online resource (428 p.) Collana Amsterdam studies in the theory and history of linguistic science. Series IV, Current issues in linguistic theory, , 0304-0763;; v. 170 401 Disciplina Soggetti **Biolinguistics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto PATHWAYS OF THE BRAIN; Editorial page; Title page; Copyright page; Dedication: Table of contents: Acknowledgements: PREFACE: CHAPTER ONE. THE WINDOW OF THE MIND; CHAPTER TWO. EVIDENCE OF THE FIRST TWO KINDS; CHAPTER THREE. THE STRATIFICATION OF LANGUAGE; CHAPTER FOUR. A NETWORK OF RELATIONSHIPS; CHAPTER FIVE. COMPONENTS OF RELATIONAL NETWORKS; CHAPTER SIX. SYNTAX; CHAPTER SEVEN. BUILDING MODELS; CHAPTER EIGHT. INTERACTING SUBSYSTEMS; CHAPTER NINE. MEANING; CHAPTER TEN. BUILDING CONNECTIONS: CHAPTER ELEVEN, TRAVELING THE PATHWAYS: CHAPTER TWELVE. THE EVER-CHANGING NETWORK CHAPTER THIRTEEN. SOURCES OF LINGUISTIC PATTERNINGCHAPTER FOURTEEN. SEQUENCE MANAGEMENT; CHAPTER FIFTEEN. LINGUISTIC ILLUSIONS: CHAPTER SIXTEEN. INTRODUCING THE BRAIN: CHAPTER SEVENTEEN. NEURONS AND NECTIONS; CHAPTER EIGHTEEN. THE ANATOMY OF LANGUAGE; EPILOG; APPENDIX; NOTES; REFERENCES; **INDEX** Sommario/riassunto The brain is the organ of knowledge and organizer of our abilities, our means of recognizing a face in a crowd, of conversing about anything we experience or imagine, of forming thoughts and developing ideas, of instantly understanding words coming rapidly in conversation. How does it manage all this? Does it represent information in symbols or in

the connectivity of a vast network? Pathways of the Brain builds a theory to answer such questions. Using a top-down modeling strategy, it charts relationships among words and other products of the brain's linguistic system to reveal properties