1. Record Nr. UNINA9910782803803321 Autore Schmahmann Jeremy D Titolo Fiber Pathways of the Brain [[electronic resource]] Oxford,: Oxford University Press, USA, 2009 Pubbl/distr/stampa **ISBN** 1-282-12533-8 9786612125331 0-19-972826-7 Descrizione fisica 1 online resource (673 p.) Disciplina 599.0188 612.825 Soggetti Brain chemistry Cerebral cortex Developmental neurobiology Myelinated neurofibrils Nerve Fibers, Myelinated Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Nota di contenuto Foreword; Contents; Part I: Relevance of the Cerebral White Matter Fiber Pathways; Part II: Approach to the Study of the Fiber Tracts; Part III: White Matter Fiber Bundles by Cortical Region of Origin; Part IV: Connectional Topography and Putative Functional Roles of Individual Fiber Bundles; Part V: Composite Summary of Cerebral White Matter Fiber Systems in the Rhesus Monkey; Part VI: Functional Considerations; Notes; Abbreviations; References; Index Sommario/riassunto This unique volume is a comprehensive, well-illustrated study of the organization of the white matter pathways of the brain. Schmahmann and Pandya have analyzed and synthesized the corticocortical and corticosubcortical connections of the major areas of the cerebral cortex of the rhesus monkey. The result is a detailed understanding of the

constituents of the cerebral white matter and the organization of the fiber tracts. The findings from the 36 cases studied are presented on a single template brain, facilitating comparison of the locations of the

different fiber pathways. The summary diagram