

1. Record Nr.	UNINA9910136401703321
Autore	Bruno G. Breitmeyer
Titolo	Feedforward and feedback processes in vision // edited by Hulusi Kafaligonul, Bruno G. Breitmeyer and Haluk Ög men
Pubbl/distr/stampa	Frontiers Media SA, 2015 Switzerland : , : Frontiers Media SA, , 2014
ISBN	9782889195947 (ebook)
Descrizione fisica	1 online resource (151 pages) : illustrations
Collana	Frontiers Research Topics
Soggetti	Visual system Projections Feedback
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The visual system consists of hierarchically organized distinct anatomical areas functionally specialized for processing different aspects of a visual object (Felleman & Van Essen, 1991). These visual areas are interconnected through ascending feedforward projections, descending feedback projections, and projections from neural structures at the same hierarchical level (Lamme et al., 1998). Accumulating evidence from anatomical, functional and theoretical studies suggests that these three projections play fundamentally different roles in perception. However, their distinct functional roles in visual processing are still subject to debate (Lamme & Roelfsema, 2000). The focus of this Research Topic is the roles of feedforward and feedback projections in vision. Even though the notions of feedforward, feedback, and reentrant processing are widely accepted, it has been found difficult to distinguish their individual roles on the basis of a single criterion. We welcome empirical contributions, theoretical contributions and reviews that fit into any one (or a combination) of the following domains: 1) their functional roles for perception of specific features of a visual object 2) their contributions to the distinct modes of visual processing (e.g., pre-attentive vs. attentive, conscious vs.

unconscious) 3) recent techniques/methodologies to identify distinct functional roles of feedforward and feedback projections and corresponding neural signatures. We believe that the current Research Topic will not only provide recent information about feedforward/feedback processes in vision but also contribute to the understanding fundamental principles of cortical processing in general.

2. Record Nr.

Autore

Titolo

Pubbl/distr/stampa

ISBN

Edizione

Descrizione fisica

Disciplina

Soggetti

Lingua di pubblicazione

Formato

Livello bibliografico

Note generali

UNINA9910166654703321

Youngdahl Jay

Working on the Railroad, Walking in Beauty : Navajos, Hózhó, and Track Work / / Jay Youngdahl

Logan, UT : , : Utah State University Press, , 2011

©2011

9786613341488

9781607327172

1607327171

9781283341486

1283341484

9780874218541

0874218543

[1st ed.]

1 online resource (209 p.)

979.1004/9726

979.10049726

Railroads - Southwest, New - Employees - History

Railroad construction workers - Southwest, New - History

Navajo Indians - Religion

Navajo Indians - Social conditions

Navajo Indians - Employment

Electronic books.

Southwest, New Politics and government

Southwest, New Race relations

Inglese

Materiale a stampa

Monografia

Includes index.

Nota di bibliografia

Includes bibliographical references and index.

Nota di contenuto

Contents; Foreword; Preface; Introduction; One: Life on the Tracks; Two: Religion on the Rez; Three: A Visit with a Medicine Man; Four: Adversaries and Advocates; Five: How Did Navajo Men Come to Work for the Railroads?; Six: Railroads, Trading Posts, and a Fatal Challenge to the RRB's System; Seven: In the Workers' Words; Eight: Anchoring and Adaptability, Fixed yet Fluid; Afterword; Selected Bibliography; Index

Sommario/riassunto

For over one hundred years, Navajos have gone to work in significant numbers on Southwestern railroads. As they took on the arduous work of laying and anchoring tracks, they turned to traditional religion to anchor their lives. Jay Youngdahl, an attorney who has represented Navajo workers in claims with their railroad employers since 1992 and who more recently earned a master's in divinity from Harvard, has used oral history and archival research to write a cultural history of Navajos' work on the railroad and the roles their religious traditions play in their lives of ha