1. Record Nr. UNINA9910819016103321

Autore	Levy Steven <1966->
Titolo	The JPS Rashi discussion Torah commentary / / Steven and Sarah Levy
Pubbl/distr/stampa	Philadelphia, [Pennsylvania] : , : The Jewish Publication Society, , 2017 ©2017
ISBN	0-8276-1347-4
Descrizione fisica	1 online resource
Collana	JPS Study Bible Series
Disciplina	222/.107
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Sommario/riassunto	Rashi, the medieval French rabbi Shlomo Yitzchaki (1040-1105), authored monumental commentaries on the Hebrew Bible and the Babylonian Talmud. With The JPS Rashi Discussion Torah Commentary, his commentary on the Torah--regarded as the most authoritative of all Torah commentaries--is finally accessible to the entire Jewish community. Steven and Sarah Levy quote from the biblical text in both Hebrew and English, highlight Rashi's comments relating to the parashah, and delve into his perceptive moral messages in the context of twenty-first-century dilemmas. Each portion features three essays with analysis and discussion questions that draw on universal human experiences, enabling families and Shabbat study groups to deepen their understanding of Rashi and the portion over the three Sabbath meals. Readers with little or no knowledge of Hebrew, the Torah, or Jewish practice will feel comfortable diving into this discussion commentary. All Hebrew terms are defined, quoted verses contextualized, and less familiar Jewish concepts explained.

2. Record Nr. UNINA9910828417703321

Autore	Ghosh Lidia
Titolo	Cognitive modeling of human memory and learning : a non-invasive brain-computer interfacing approach / / Lidia Ghosh, Artificial Intelligence Lab., Dept. of Electronics and Tele-Communication Engineering, Amit Konar, Artificial Intelligence Lab., Dept. of Electronics and Tele-Communication Engineering, Pratyusha Rakshit, Artificial Intelligence Lab., Dept. of Electronics and Tele-Communication Engineering
Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley, , [2020] [Piscataqay, New Jersey] : , : IEEE Xplore, , [2020]
ISBN	1-119-70591-6 1-119-70587-8 1-119-70592-4
Descrizione fisica	1 online resource (275 pages)
Disciplina	153.12
Soggetti	Memory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Introduction to Human Memory and Learning Models -- 1.1 Introduction 2 -- 1.2 Philosophical Contributions to Memory Research 4 -- 1.2.1 Atkinson and Shiffrin's Model 4 -- 1.2.2 Tveter's Model 6 -- 1.2.3 Tulving's model 6 -- 1.2.4 The Parallel and Distributed Processing (PDP) Approach 8 -- 1.2.5 Procedural and Declarative Memory 9 -- 1.3 Brain-theoretic Interpretation of Memory Formation 11 -- 1.3.1 Coding for Memory 11 -- 1.3.2 Memory Consolidation 13 -- 1.3.3 Location of stored Memories 16 -- 1.3.4 Isolation of Information in Memory 16 -- 1.4 Cognitive Maps 17 -- 1.5 Neural Plasticity 18 -- 1.6 Modularity 19 -- 1.7 The cellular Process behind STM Formation 20 -- 1.8 LTM Formation 21 -- 1.9 Brain Signal Analysis in the Context of Memory and Learning 22 -- 1.9.1 Association of EEG alpha and theta band with memory performances 22 -- 1.9.2 Oscillatory beta and gamma frequency band activation in STM performance 26 -- 1.9.3 Change in EEG band power with changing working memory load 26 -- 1.9.4 Effects of Electromagnetic field on

Research on BCI based Memory and Learning -- 7.1 Self-Review of the Works Undertaken in the Book 250 -- 7.2 Limitations of EEG BCI-Based Memory Experiments 252 -- 7.3 Further Scope of Future Research on Memory and Learning 253 -- References.

Sommario/riassunto

"This book models human memory from a cognitive standpoint by utilizing brain activations acquired from the cortex by electroencephalographic (EEG) and functional near-infrared-spectroscopic (f-NIRs) means. It begins with an overview of the early models of memory. The authors then propose a simplistic model of Working Memory (WM) built with fuzzy Hebbian learning. A second perspective of memory models is concerned with Short-Term Memory (STM)-modeling in the context of 2-dimensional object-shape reconstruction from visually examined memorized instances. A third model assesses the subjective motor learning skill in driving from erroneous motor actions. Other models introduce a novel strategy of designing a two-layered deep Long Short-Term Memory (LSTM) classifier network and also deal with cognitive load assessment in motor learning tasks associated with driving. The book ends with concluding remarks based on principles and experimental results acquired in previous chapters"--