1. Record Nr. UNINA9910457416603321

Titolo	Cognitive rehabilitation therapy for traumatic brain injury [[electronic resource]] : evaluating the evidence / / Committee on Cognitive Rehabilitation Therapy for Traumatic Brain Injury ; Rebecca Koehler, Erin E. Wilhelm, Ira Shoulson, editors ; Board on the Health of Select Populations
Pubbl/distr/stampa	Washington, D.C., : National Academies Press, 2011
ISBN	1-280-12321-4 9786613527073 0-309-21819-5
Descrizione fisica	1 online resource (356 p.)
Altri autori (Persone)	KoehlerRebecca WilhelmErin E ShoulsonIra
Disciplina	617.481044
Soggetti	Cognitive therapy Rehabilitation Brain - Wounds and injuries - Exercise therapy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	pt. 1. Background -- pt. 2. Review of the evidence -- pt. 3. Recommendations.
Sommario/riassunto	"Traumatic brain injury (TBI) may affect 10 million people worldwide. It is considered the 'signature wound' of the conflicts in Iraq and Afghanistan. These injuries result from a bump or blow to the head, or from external forces that cause the brain to move within the head, such as whiplash or exposure to blasts. TBI can cause an array of physical and mental health concerns and is a growing problem, particularly among soldiers and veterans because of repeated exposure to violent environments. The number of military service members diagnosed with a TBI nearly tripled from 2000 to 2010. One form of treatment for TBI is cognitive rehabilitation therapy (CRT), a patient-specific, goal-oriented approach to help patients increase their ability to process and interpret

	information. Its goal is to help an individual with a brain injury to enhance his or her ability to move through daily life by recovering or compensating for damaged cognitive functions. CRT involves a variety of treatments and often involves the participation of family or caregivers. The Department of Defense asked the IOM to conduct a study to determine the effectiveness of CRT for treatment of TBI. The IOM was asked to consider whether existing research on CRT provides a conclusive evidence base to support using specific CRT interventions and to guide the use of CRT for members of the military and veterans. The committee recommends an investment in research to further define, standardize, and assess the outcomes of CRT interventions. CRT interventions are promising approaches, but further development of this therapy is required"--Publisher's description.

2.

Record Nr.	UNINA9910795834203321
Autore	Buede Dennis M
Titolo	The Engineering Design of Systems : Models and Methods
Pubbl/distr/stampa	New York : , : John Wiley & Sons, Incorporated, , 2016 ©2016
ISBN	9781119028062 9781119027904
Edizione	[3rd ed.]
Descrizione fisica	1 online resource (583 pages)
Collana	Wiley Series in Systems Engineering and Management Ser.
Altri autori (Persone)	MillerWilliam D
Disciplina	620.001/171
Soggetti	Systems engineering Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	The Engineering Design of Systems: Models and Methods -- Contents -- Preface -- About the Companion Website -- Part 1: Introduction, Overview, and Basic Knowledge -- Chapter 1: Introduction to Systems Engineering -- 1.1 Introduction -- 1.2 Overview of the Engineering of Systems -- 1.3 Approaches for Implementing Systems Engineering -- 1.3.1 TTDSE -- 1.3.2 The Waterfall Model of Software Engineering --

1.3.3 The Spiral Model of Software Engineering -- 1.3.4 Object-Oriented Design -- 1.4 Modeling Approaches for Systems Engineering -- 1.4.1 Modeling Approaches for TTDSE -- 1.4.2 UML -- 1.4.3 DoDAF -- 1.4.4 SysML -- 1.5 Introducing the Concept of Architectures -- 1.6 Requirements -- 1.7 System's Life Cycle -- 1.8 Design and Integration Process -- 1.9 Types of Systems -- 1.10 Summary -- Chapter 2: Overview of the Systems Engineering Design Process -- 2.1 Introduction -- 2.2 Design Process -- 2.2.1 Key Terms -- 2.2.2 Design -- 2.2.3 Integration and Qualification -- 2.3 Key Systems Engineering Concepts -- 2.3.1 Operational Concept -- 2.3.2 External Systems Diagram -- 2.3.3 Objectives Hierarchy -- 2.3.4 Requirements -- 2.3.5 Functions -- 2.3.6 Items -- 2.3.7 Components -- 2.3.8 Interfaces -- 2.3.9 Verification -- 2.3.10 Validation -- 2.3.11 Acceptance -- 2.4 Introduction to Sysml -- 2.5 Use of Core (Systems Engineering Tool) -- 2.5.1 Classes -- 2.5.2 Relations -- 2.5.3 Documents -- 2.6 Summary -- Chapter 3: Modeling and Sysml Modeling -- 3.1 Introduction -- 3.2 Models and Modeling -- 3.3 Sysml Modeling -- 3.4 Meta-System Modeling -- 3.5 Static Behavioral Process Modeling With IDEF0 -- 3.5.1 IDEF0 Semantics or Elements -- 3.5.2 IDEF0 Diagram Syntax -- 3.5.3 IDEF0 Model Syntax -- 3.5.4 IDEF0 Advanced Concepts -- 3.5.5 Systems Engineering Use of IDEF0 Models -- 3.6 Dynamic Behavioral Process Modeling With EFFBDs.
3.7 Structural Modeling of the System'S Components -- 3.8 Requirements Modeling -- 3.9 Performance Modeling -- 3.10 Summary -- Chapter 4: Discrete Mathematics: Sets, Relations, and Functions -- 4.1 Introduction -- 4.2 Sets -- 4.2.1 Writing Set Membership -- 4.2.2 Describing Members of a Set -- 4.2.3 Special Sets -- 4.2.4 Operations on Sets -- 4.2.5 Partitions -- 4.2.6 Power Set -- 4.3 Relations -- 4.3.1 Ordered Pairs and Cartesian Products -- 4.3.2 Unary and Binary Relations -- 4.3.3 Properties of Unary Relations on A -- 4.3.4 Partial Ordering -- 4.3.5 Equivalence Relations -- 4.4 Functions -- 4.4.1 Definitions -- 4.4.2 Composition -- 4.5 Summary -- Chapter 5: Graphs and Directed Graphs (Digraphs) -- 5.1 Introduction -- 5.2 Terminology -- 5.3 Paths and Cycles -- 5.4 Connectedness -- 5.5 Adjacency and Reachability -- 5.6 Unary Relations and Digraphs -- 5.7 Ordering Relations -- 5.8 Isomorphisms -- 5.9 Trees -- 5.9.1 Spanning Trees -- 5.9.2 Directed Trees -- 5.9.3 Forest -- 5.10 Finding Cycles and Semicycles in a Graph -- 5.11 Revisiting IDEF0 Diagrams -- 5.12 Summary -- Part 2: Design and Integration -- Chapter 6: Requirements and Defining the Design Problem -- 6.1 Introduction -- 6.2 Requirements -- 6.3 Definitions -- 6.4 Stakeholders' Requirements Development: Defining the Design Problem -- 6.5 Requirements Categories -- 6.6 Requirements Partition -- 6.7 Stakeholders' Requirements Document (Stkhldrsrd) -- 6.8 Characteristics of Sound Requirements -- 6.9 Writing Requirements -- 6.10 Operational Concept -- 6.11 External Systems Diagram -- 6.12 Objectives Hierarchy for Performance Requirements -- 6.13 Prototyping, Analyses, and Usability Testing -- 6.14 Defining the Stakeholders' Requirements -- 6.14.1 Input/Output Requirements -- 6.14.2 System-Wide and Technology Requirements -- 6.14.3 Trade-Off Requirements -- 6.14.4 Qualification Requirements.
6.15 Requirements Management -- 6.16 Summary -- Chapter 7: Functional Architecture Development -- 7.1 Introduction -- 7.2 Defining Terminology for a Functional Architecture -- 7.3 Functional Architecture Development -- 7.3.1 Functional Architecture Process Model -- 7.3.2 Decomposition versus Composition -- 7.4 Defining a System'S Functions -- 7.4.1 Approaches for Defining Functions -- 7.4.2 Typical Functional Decompositions by Life Cycle Phase -- 7.4.3

Feedback and Control in Functional Design -- 7.4.4 Evaluation of a Functional Hierarchy -- 7.5 Development of the Functional Decomposition -- 7.6 Finishing the Functional Architecture -- 7.7 Tracing Requirements to Elements of the Functional Architecture -- 7.8 Summary -- Chapter 8: Physical Architecture Development -- 8.1 Introduction -- 8.2 Generic Versus Instantiated Physical Architectures -- 8.3 Overview of Physical Architecture Development -- 8.4 Creativity Techniques -- 8.4.1 Morphological Box -- 8.4.2 Option Creation Techniques -- 8.5 Graphic Representations of the Physical Architecture -- 8.6 Issues in Physical Architecture Development -- 8.6.1 Major Concepts for Physical Architectures -- 8.6.2 Design Flexibility -- 8.6.3 Design Advantages of Product Platforms -- 8.6.4 Use of Redundancy to Achieve Fault Tolerance -- 8.7 Summary -- Chapter 9: Allocated Architecture Development -- 9.1 Introduction -- 9.2 Overview -- 9.3 Allocate Functions to Components -- 9.3.1 Define the Allocation Problem -- 9.3.2 Approaches for Solving the Allocation Problem -- 9.3.3 Finishing the Allocation Problem -- 9.4 Trace Non-Input/Output Requirements and Derive Requirements -- 9.4.1 Derive Internal Input/Output Requirements -- 9.4.2 Trace System-Wide Requirements and Derive Subsystem-Wide Requirements -- 9.4.3 Trace Trade-Off Requirements and Derive Subsystem Trade-Off Requirements. 9.4.4 Trace Qualification Requirements and Derive Subsystem Qualification Requirements -- 9.5 Define and Analyze Functional Activation and Control Structure -- 9.6 Conduct Performance and Risk Analyses -- 9.7 Document Architectures and Obtain Approval -- 9.8 Document Subsystem Specifications -- 9.9 Summary -- Chapter 10: Interface Design -- 10.1 Introduction -- 10.2 Overview of Interface Development -- 10.3 Interface Architectures -- 10.3.1 Message Passing Architectures -- 10.3.2 Shared Memory Architectures -- 10.3.3 Network Architectures -- 10.4 Standards -- 10.5 Open Systems Interconnection Architecture -- 10.6 Common Object Request Broker Architecture -- 10.7 Interface Design Process -- 10.8 Summary -- Chapter 11: Integration and Qualification -- 11.1 Introduction -- 11.2 Distinctions Among Acceptance, Validation, and Verification Testing -- 11.3 Overview of Integration -- 11.4 Alternate Integration Processes -- 11.5 Some Qualification Terminology -- 11.6 Defining the Qualification System -- 11.7 Qualification Methods -- 11.8 Acceptance Testing -- 11.8.1 Deciding What to Test -- 11.8.2 Usability -- 11.9 Summary -- Chapter 12: A Complete Exercise of the Systems Engineering Process -- 12.1 Introduction -- 12.2 Operational Concept -- 12.3 External Systems Diagram -- 12.4 Fundamental Objectives -- 12.5 Stakeholders' Requirements -- 12.6 Functional Architecture -- 12.7 Physical and Allocated Architectures -- 12.8 Interface Design -- 12.9 Integration and Qualification -- 12.10 Beginning the Subsystem Layer -- Part 3: Supplemental Topics -- Chapter 13: Graphical Modeling Techniques -- 13.1 Introduction -- 13.2 Data Modeling -- 13.2.1 Entity-Relationship Diagrams -- 13.2.2 Higraphs -- 13.3 Process Modeling -- 13.3.1 Data Flow Diagrams -- 13.3.2 N-Squared (N) Charts -- 13.4 Behavior Modeling -- 13.4.1 Behavior Diagrams. 13.4.2 Finite-State Machines and State Transition Diagrams -- 13.4.3 Statecharts -- 13.4.4 Control Flow Diagrams -- 13.4.5 Petri Nets -- 13.5 Summary -- Chapter 14: Decision Analysis for Design Trades -- 14.1 Introduction -- 14.2 Elements of Decision Problems -- 14.3 Axioms of Decision Analysis -- 14.4 Multiattribute Value Analysis -- 14.4.1 Eliciting Value Functions -- 14.4.2 Eliciting Value Weights -- 14.4.2.1 Direct Weight Elicitation Techniques -- 14.4.2.2 Indirect Weight Elicitation Techniques -- 14.5 Uncertainty in Decisions -- 14.5.1 Probability Theory -- 14.5.2 Relevance Diagrams -- 14.5.3

Influence Diagrams and Decision Trees -- 14.5.4 Risk Preference and Expected Utility -- 14.5.4.1 Assessing a Risk Preference Function -- 14.5.4.2 Exponential Risk Preference -- 14.6 Sample Application -- 14.6.1 MPWS Overview -- 14.6.2 Operational Concept for MPWS -- 14.6.3 External Systems Diagram -- 14.6.4 Requirements -- 14.6.4.1 Utility Curves -- 14.6.4.2 Weights -- 14.6.5 Use of Utility Curves and Weights -- 14.6.6 Conclusions -- 14.7 Summary -- Chapter 15: The Science and Analysis of Systems -- 15.1 Introduction -- 15.2 General System Theory -- 15.3 Systems Science -- 15.4 Natural Systems -- 15.5 Cybernetics -- 15.6 Systems Thinking -- 15.7 Quantitative Characterization of Systems -- 15.7.1 Elevator -- 15.7.2 Soda Machine -- 15.7.3 Aircraft -- 15.8 System Dynamics -- 15.9 Constraint Theory -- 15.10 Fermi Problems and Guesstimation -- 15.11 Summary -- Chapter 16: The Value of Systems Engineering -- 16.1 Introduction -- 16.2 Value Propositions for Systems Engineering -- 16.2.1 Systems Engineering as a Goal-Seeking System -- 16.2.2 Systems Engineering as a Communications Interface -- 16.2.3 Systems Engineering to Avert Showstoppers -- 16.2.4 Systems Engineering to Find and Fix Errors -- 16.2.5 Systems Engineering as Risk Mitigation.
16.2.6 Continuous Improvement.

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Lingua di pubblicazione	Pahlavi
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Livello bibliografico	Monografia