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Autore	El Kassar Nadja <1984->
Titolo	Towards a theory of epistemically significant perception : how we relate to the world // Nadja El Kassar
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Descrizione fisica	1 online resource (376 p.)
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Nota di contenuto	Front matter -- Acknowledgments -- Contents -- Introduction -- Part I Conceptualism -- 1 Introducing Conceptualism -- 2 Examining Non-Conceptualist Arguments against Conceptualism -- 3 Examining McDowell's Revised Conceptualism -- Part II Relationism -- 4 Relationism: Perception as Conscious Acquaintance -- 5 Relationism as Anti-Representationalism -- 6 Why McDowell's Revised Conceptualism Does Not Avoid Travis's Anti-Representationalist Criticism -- Part III Relational Conceptualism -- 7 Relational Conceptualism: a Theory of Epistemically Significant Perception -- 8 Possible Objections against Relational Conceptualism -- Part IV. Relational Conceptualism and Empirical Science -- 9 Broadening the Scope of Relational Conceptualism -- References -- Author Index -- Subject Index
Sommario/riassunto	How does perceptual experience make us knowledgeable about the world? In this book Nadja El Kassar argues that an informed answer requires a novel theory of perception: perceptual experience involves conceptual capacities and consists in a relation between a perceiver and the world. Contemporary theories of perception disagree about the role of content and conceptual capacities in perceptual experience. In her

analysis El Kassar scrutinizes the arguments of conceptualist and relationist theories, thereby exposing their limitations for explaining the epistemic role of perceptual experience. Against this background she develops her novel theory of epistemically significant perception. Her theory improves on current accounts by encompassing both the epistemic role of perceptual experiences and its perceptual character. Central claims of her theory receive additional support from work in vision science, making this book an original contribution to the philosophy of perception.

2. Record Nr.	UNINA9911004855803321
Autore	Ebnesajjad Sina
Titolo	Fluoroplastics [[electronic resource]] : the definitive user's guide and databook . Volume 1 Melt processible fluoropolymers // Sina Ebnesajjad
Pubbl/distr/stampa	Norwich, NY, : Plastics Design Library, c2000
ISBN	1-282-71182-2 1-282-00249-X 9786612711824 9786612002496 0-8155-1727-0
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Nota di contenuto	Front Cover; Fluoroplastics Volume 1: Non-Melt Processible Fluoroplastics, The Definitive User's Guide and Databook; Copyright Page; Acknowledgments; Preface; Table of Contents; Introduction; PART I; Chapter 1 Fundamentals; 1.1 Introduction; 1.2 What are Fluoropolymers?; 1.3 Fundamental Properties of Fluoropolymers; 1.4 Developmental History of Fluoropolymers; 1.5 Examples of Uses of

Fluoropolymers; References; Chapter 2 Fluoropolymers: Properties and Structure; 2.1 Introduction; 2.2 Impact of F and C-F Bond on the Properties of PTFE
2.3 Disturbing the PTFE Structure: Perfluorinated Ethylene-Propylene Copolymer (FEP) and Polychlorotrifluoroethylene
2.4 Reaction Mechanism; 2.5 Effect of Solvents on Fluoropolymers; 2.6 Molecular Interaction of Fluoropolymers: Low Friction and Low Surface Energy; 2.7 Conformations and Transitions of Polytetrafluoroethylene; 2.8 Conformations and Transitions of Polychlorotrifluoroethylene (PCTFE); References; Chapter 3 Operational Classification of Fluoropolymers; 3.1 Introduction; 3.2 TFE Homopolymers; 3.3 TFE Copolymers; 3.4 CTFE Polymers; 3.5 Vinylidene Fluoride Polymers
3.6 Vinyl Fluoride Polymers
3.7 Process Classification; References; Chapter 4 Fluoropolymer Monomers; 4.1 Introduction; 4.2 Synthesis of Tetrafluoroethylene; 4.3 Properties of Tetrafluoroethylene; 4.4 Synthesis of Hexafluoropropylene; 4.5 Properties of Hexafluoropropylene; 4.6 Synthesis of Perfluoroalkylvinylethers; 4.7 Properties of Perfluoroalkylvinylethers; 4.8 Synthesis of Chlorotrifluoroethylene; 4.9 Properties of Chlorotrifluoroethylene; References; Chapter 5 Homofluoropolymer Polymerization and Finishing; 5.1 Introduction; 5.2 Polymerization Mechanism; 5.3 Tetrafluoroethylene Polymers
5.4 Preparation of Polytetrafluoroethylene by Suspension Polymerization
5.5 Preparation of Polytetrafluoroethylene by Dispersion Polymerization; 5.6 Chlorotrifluoroethylene Polymers and Polymerization; 5.7 Characterization of Polytetrafluoroethylene; 5.8 Characterization of Polychlorotrifluoroethylene; References; Chapter 6 Commercial Grades of Homofluoropolymers; 6.1 Introduction; 6.2 Granular PTFE; 6.3 PTFE Dispersions; 6.4 Fine Powder PTFE; 6.5 PCTFE Dispersions; 6.6 Polychlorotrifluoroethylene Polymers; 6.7 Fluoropolymer Manufacturers; References; PART II
Chapter 7 Fabrication and Processing of Granular Polytetrafluoroethylene
7.1 Introduction; 7.2 Resin Selection; 7.3 Compression Molding; 7.4 Automatic Molding; 7.5 Isostatic Molding; 7.6 Ram Extrusion; References; Chapter 8 Fabrication and Processing of Fine Powder Polytetrafluoroethylene; 8.1 Introduction; 8.2 Resin Handling and Storage; 8.3 Paste Extrusion Fundamentals; 8.4 Extrusion Aid or Lubricant; 8.5 Wire Coating; 8.6 Extrusion of Tubing; 8.7 Unsintered Tape; 8.8 Expanded PTFE Manufacturing; 8.9 Fine Powder Resin Selection; References
Chapter 9 Fabrication and Processing of PTFE Dispersions

Sommario/riassunto

Today, a generational change is taking place in the fluoropolymer industry. The pioneers of PTFE developed an astonishing mass of basic and applied technical work. Now many of these experts are retiring and a new generation is taking their place. This new generation brings a plethora of skills, built upon the basic knowledge of fluoropolymer technology. Speaking to the needs of today's engineering and science students and practicing professionals, this book provides an in-depth treatment of homofluoropolymer polymerization and part fabrication technology. A comprehensive range of issue
