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Autore	Rose James <1946->
Titolo	Mapping psychic reality : triangulation, communication, and insight / / James Rose
Pubbl/distr/stampa	London : , : Routledge, , 2018
ISBN	1-78049-803-9 0-429-91605-1 0-429-90182-8 0-429-47705-8 1-283-07121-5 9786613071217 1-84940-875-0
Edizione	[First edition.]
Descrizione fisica	1 online resource (375 pages)
Collana	IDEAS.
Disciplina	301.01
Soggetti	Sociology - Philosophy Triangulation
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 and index.
Nota di contenuto	Cover; Copy Right; ACKNOWLEDGEMENTS; ABOUT THE EDITOR; Introduction; PART I: TRIANGULATION, COMMUNICATION, AND INSIGHT; PART II: TRIANGULATION IN THE TEMPORAL DIMENSION; PART III: TRIANGULATION IN THE PSYCHOANALYTIC SETTING; PART IV: SOME METAPSYCHOLOGICAL SPECULATIONS AND SOME TECHNICAL CONCLUSIONS
Sommario/riassunto	This book is about how we can deepen our understanding of subjectivity through the use of the concept of triangulation. Fundamentally, this book seeks to address the question of how we can be objective about subjectivity. If psychology, as a scientific discipline, is concerned with the study of human experience, which is essentially subjective; then we are faced with the problem of how apply the scientific method, as it is commonly understood. If experience is essentially unique to the experiencer, then there seems to be a basic incompatibility with the scientific method. As currently practise

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Titolo	Spine technology handbook / / Steven M. Kurtz, Avram Allan Edidin (eds.)
Pubbl/distr/stampa	Amsterdam ; ; Boston, : Elsevier Academic Press, c2006
ISBN	1-280-63063-9 9786610630639 0-08-045937-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (553 p.)
Altri autori (Persone)	KurtzSteven M. <1968-> EdidinAvram Allan
Disciplina	617.56
Soggetti	Spine Spine - Surgery Spinal implants
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
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Nota di contenuto	Front cover; Title page; Copyright page; Table of contents; Contributors; Preface; 1: The Basic Tools and Terminology of Spine Treatment; 1.1 Introduction; 1.2 Which Way Is Up?; 1.3 The Spine; 1.4 Overview of the Handbook; 1.5 Acknowledgments; 1.6 References; 2: Synthetic Biomaterials for Spinal Applications; 2.1 Introduction; 2.2 Mechanical Properties and Mechanical Testing; 2.3 Metals and Metal Alloys; 2.4 Ceramics; 2.5 Polymers; 2.6 Composites; 2.7 Biological Effects; 2.8 Biocompatibility Testing; 2.9 Summary and Conclusions; 2.10 References 3: Structure and Properties of Soft Tissues in the Spine3.1 Introduction; 3.2 Intervertebral Discs; 3.3 Intervertebral Disc Aging and Degeneration; 3.4 Ligaments; 3.5 Spinal Cord; 3.6 Conclusions; 3.7 References; 3.8 Review Questions; 4: Biomechanics of Vertebral Bone; 4.1 Introduction; 4.2 Trabecular Bone; 4.3 Mechanical Behavior of the Vertebral Body; 4.4 Noninvasive Vertebral Strength Assessment; 4.5 Acknowledgments; 4.6 References; 5: Musculature Actuation and Biomechanics of the Spine; 5.1 Spine Muscles; 5.2 Spinal Loading Estimation Techniques; 5.3 Spinal Loads During Various Activities

5.4 References6: Spine Disorders: Implications for Bioengineers; 6.1 Introduction; 6.2 Scoliosis; 6.3 Osteoporosis; 6.4 Cancer: Metastatic Spine Tumor; 6.5 Rheumatoid Arthritis; 6.6 Trauma: Whiplash Injury; 6.7 References; 7: Historical Review of Spinal Instrumentation for Fusion: Rods, Plates, Screws, and Cages; 7.1 Thoraco Lumbar and Lumbo-Sacral; 7.2 Anterior Instrumentation; 7.3 Intervertebral Body Cages: Cervical and Lumbar; 7.4 Cervical; 7.5 Summary; 7.6 Acknowledgments; 7.7 References; 8: Clinical Performance of Rods, Plates, Screws, and Cages; 8.1 Introduction
8.2 Anterior Applications8.3 Posterior Systems: Rods and Screws; 8.4 Intervertebral Body Devices: Cages; 8.5 Conclusions; 8.6 Acknowledgments; 8.7 References; 9: Biologics to Promote Spinal Fusion; 9.1 Introduction; 9.2 Osteoinductive Bone Graft Substitutes; 9.3 Bone Morphogenetic Proteins; 9.4 Demineralized Bone Matrix; 9.5 DBM: Pre-clinical Studies; 9.6 DBM: Clinical Investigations; 9.7 rhBMP-7 (rhOP-1): Preclinical Studies; 9.8 rhBMP-7 (rhOP-1): Clinical Investigations; 9.9 rhBMP-2 (INFUSE): Pre-clinical Studies; 9.10 rhBMP-2 (INFUSE): Clinical Investigations; 9.11 Calcium Sulfate
9.12 Hydroxyapatite9.13 Tricalcium Phosphates; 9.14 Biphasic Calcium Phosphate (BCP); 9.15 Calcium Phosphate/Collagen Composite Matrices; 9.16 Conclusions; 9.17 References; 10: Nucleus Replacement of the Intervertebral Disc; 10.1 Introduction; 10.2 Intervertebral Disc; 10.3 Degenerative Disc Disease: Etiology; 10.4 Current Treatments for Degenerative Disc Disease; 10.5 Total Disc Replacement; 10.6 Nucleus Pulposus Replacement; 10.7 Historical Design Perspective; 10.8 Recent Design Concepts; 10.9 Future Directions; 10.10 References; 11: Total Disc Arthroplasty; 11.1 Introduction
11.2 Pioneers of Total Disc Arthroplasty

Sommario/riassunto

Over the past decade, there has been rapid growth in bioengineering applications in the field of spine implants. This book explains the technical foundation for understanding and expanding the field of spine implants, reviews the major established technologies related to spine implants, and provides reference material for developing and commercializing new spine implants. The editors, who have a track record of collaboration and editing technical books, provide a unified approach to this topic in the most comprehensive and useful book to date.·Related website provides the latest info