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Titolo	Foundations of group analysis for the twenty-first century: foundations / / by Jason Maratos
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ISBN	0-429-91390-7 9780429896950 0-429-89967-X 0-429-47490-3 1-78241-221-2
Descrizione fisica	1 online resource (337 p.)
Collana	New International Library of Group Analysis
Altri autori (Persone)	MaratosJason <1943->
Disciplina	616.89152
Soggetti	Group psychoanalysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	part PART I: HISTORICAL FOUNDATIONS -- chapter 1 Principles and practice of group therapy / S. H. Foulkes -- chapter 2 Introduction to group-analytic psychotherapy / S. H. Foulkes -- chapter 3 The group as matrix of the individual's mental life / S. H. Foulkes -- chapter 4 General introduction: the individual as a whole in a total situation / S. H. Foulkes -- chapter 5 Book review: The Civilising Process. Vol. 1—The History of Manners, by Norbert Elias / S. H. Fuchs -- part PART II: GROUP-ANALYTIC THEORY -- chapter 6 My philosophy in psychotherapy / S. H. Foulkes -- chapter 7 Group-analysis: taking the non-problem seriously / Caroline Garland -- chapter 8 Destructive phases in groups / Jeff Roberts -- part PART III: PSYCHO-ANALYSIS AND GROUP-ANALYSIS -- chapter 9 Psycho-analysis and group analysis / Malcolm Pines -- chapter 10 Some reflections on Bion's basic assumptions from a group-analytic viewpoint / Dennis Brown -- chapter 11 The theory of Incohesion: Aggregation/Massification as the fourth basic assumption in the unconscious life of groups and group-like social systems -- chapter 12 "Holding" and "containing" in the group and society / Colin James -- part PART IV: GROUP-ANALYSIS

AND SOCIETY -- chapter 13 Group analysis: the problem of context / Earl Hopper -- chapter 4 TEEN The language of the group: monologue, dialogue and discourse in group analysis / John Schlapobersky -- chapter 15 The psyche and the social world / Dennis Brown -- part PART V: CHALLENGES TO THE THEORY/EXTENSIONS -- chapter 6 TEEN The anti-group: destructive forces in the group and their therapeutic potential / Morris Nitsun -- chapter 17 Specialists without spirit, sensualists without heart: psychotherapy as a moral endeavour / Farhad Dalal -- chapter 18 Complexity and the group matrix / Ralph Stacey.

Sommario/riassunto

The Institute of Group Analysis (IGA) celebrates forty years from its foundation with the publication of two new volumes tracing the foundations and applications of Group Analysis. The first volume ('Foundations') aims to publicise the foundations of group analysis (with the earliest papers of Foulkes) as well as the most influential theoretical contributions by pillars of modern group analysis, such as Pines, Brown, and Hopper. The reader will be able to see the development of Group Analysis, form an opinion about the trajectory that it follows, and judge which way the tradition of openness and creative integration of diverse theoretical contributions will lead in the twenty-first century. The second volume ('Applications') focuses on the numerous fields of work that use group analytic principles. Workers in the field of forensic psychotherapy would now consider it a great omission if they did not use some form of group analytic intervention, as would professionals dealing with those who manifest personality disorders, or those who work with different age groups, such as adolescents.

2. Record Nr. UNINA9910807384603321

Titolo	Characterization of tribological materials / / William A. Glaeser, editor
Pubbl/distr/stampa	New York : , : Momentum Press, , [2013] ©2013
ISBN	1-283-89608-7 1-60650-259-X
Edizione	[Second edition.]
Descrizione fisica	1 online resource (202 p.)
Collana	Materials characterization series
Disciplina	620.11292
Soggetti	Materials - Mechanical properties
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Preface to the second edition -- Preface to the reissue of the Materials characterization series -- Preface to series -- Preface to the reissue of Characterization of tribological materials -- Preface -- Acronyms -- Contributors -- [1.] Introduction -- [2.] The role of adhesion in wear -- 2.1 Introduction -- 2.2 Considerations for experiments -- Background -- Macroscopic experiments -- Atomic level experiments -- Microscopic contacts -- 2.3 Theoretical considerations at the atomic level -- Background for theory -- Universal binding energy relation -- Semiempirical methods -- 2.4 Conclusions -- References -- [3.] Friction -- 3.1 Introduction -- 3.2 Sliding friction -- Basic concepts -- The dual nature of frictional process -- Phenomenology of friction process -- Real area of contact -- Adhesion component of friction -- The interface shear stress -- Deformation component of friction -- Viscoelastic component of friction -- Friction under boundary lubrication conditions -- Phenomena associated with friction -- 3.3 Rolling friction -- Review of rolling friction hypotheses -- Free rolling -- 3.4 Exceptional friction processes -- 3.5 Conclusions -- References -- [4.] Adhesive wear -- 4.1 Introduction -- 4.2 Surface analysis -- 4.3 Auger analysis of worn surfaces after "unlubricated wear" -- 4.4 In situ

systems -- 4.5 Conclusions -- References --
[5.] Abrasive wear -- 5.1 Abrasive asperities and grooves -- 5.2 Yield criterion of an abrasive asperity -- Abrasive wear mode diagram -- 5.3 Degree of wear at one abrasive groove -- 5.4 Macroscopic wear in multiple abrasive sliding contacts -- References --
[6.] Boundary lubrication -- 6.1 Introduction -- 6.2 Mechanical effects in lubrication -- 6.3 Adequacy of hydrodynamic fluid films -- 6.4 Chemical effects in liquid lubrication, boundary lubrication -- 6.5 Wear and failure -- 6.6 Research in boundary lubrication -- 6.7 Laboratory research -- 6.8 Composition of films -- 6.9 Further mechanical effects of the boundary lubricant layer -- 6.10 Surface analysis of boundary lubricated metals -- 6.11 Ellipsometry and its use in measuring film thickness -- References --
[7.] Magnetic recording surfaces -- 7.1 Introduction -- 7.2 Magnetic storage systems -- 7.3 Wear mechanisms -- Head-(particulate) tape interface -- Head-(particulate) rigid disk interface -- Head-(thin-film) rigid disk interface -- 7.4 Lubrication mechanisms -- Measurement of localized lubricant film thickness -- Lubricant-disk surface interactions -- Lubricant degradation -- References --
[8.] Surface analysis of precision ball bearings -- 8.1 Introduction -- 8.2 Disassembly -- Examination, optical microscopy, and photography -- Gas analysis by mass spectrometry -- Lubricant analysis and removal -- 8.3 Microexamination -- Scanning electron microscopy -- Profilometry -- 8.4 Surface analysis -- Auger electron spectroscopy -- Photoelectron spectroscopy -- SIMS -- Vibrational spectroscopy -- 8.5 Future directions -- Acknowledgments -- References --
[9.] Atomic force microscope nanofriction -- 9.1 Introduction -- 9.2 Description -- 9.3 Friction measurements -- 9.4 Uses -- 9.5 Kelvin probe application -- References --
Appendices: technique summaries -- Light microscopy -- Scanning electron microscopy (SEM) -- In situ wear device for the scanning electron microscope -- Scanning tunneling microscopy and scanning force microscopy (STM and SFM) -- Transmission electron microscopy (TEM) -- Energy-dispersive x-ray spectroscopy (EDS) -- Scanning transmission electron microscopy (STEM) -- Electron probe x-ray microanalysis (EPMA) -- X-ray diffraction (XRD) -- Low-energy electron diffraction (LEED) -- X-ray photoelectron spectroscopy (XPS) -- Auger electron spectroscopy (AES) -- Fourier transform infrared spectroscopy (FTIR) -- Raman spectroscopy -- Rutherford backscattering spectrometry (RBS) -- Static secondary ion mass spectrometry (static SIMS) -- Surface roughness: measurement, formation by sputtering, impact on depth profiling -- Index.

Sommario/riassunto

Tribology is a discipline concerned with contacting surfaces. This book shows how surface analytical techniques can be used together with the knowledge of basic principles of tribology to help understand failure processes. For instance, Chapter 8 shows how precision ball bearings and their critical lubrication requirements require knowledge of lubricant behavior of very thin films and surface reaction (boundary lubrication) for reliable performance. Thus if a bearing material is altered, it may be necessary to determine its effect on surface chemistry of lubricants. Surface analysis, including wear scar analysis, can be factored into test programs as a supplemental component or as an integral part of the set up.