1. Record Nr. UNINA9910774768103321

Autore	Gevorkyan E. S
Titolo	Remanufacturing and advanced machining processes for new materials and components : remanufacturing and advanced machining processes / / E. S. Gevorkyan [et al.]
Pubbl/distr/stampa	[Boca Raton] : , : CRC Press, , 2022 ©2022
ISBN	1-00-321865-2 1-000-52866-9 1-003-21865-2
Edizione	[First edition.]
Descrizione fisica	1 online resource (186 pages)
Disciplina	671.35
Soggetti	Machining
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1. Contemporary machining processes for new materials Chapter 2. Contemporary methods of protection and restoration of components Chapter 3. Smart machining processes
Sommario/riassunto	Remanufacturing and Advanced Machining Processes for Materials and Components presents current and emerging techniques for machining of new materials and restoration of components, as well as surface engineering methods aimed at prolonging the life of industrial systems. It examines contemporary machining processes for new materials, methods of protection and restoration of components, and smart machining processes." Details a variety of advanced machining processes, new materials joining techniques, and methods to increase machining accuracy " Presents innovative methods for protection and restoration of components primarily from the perspective of remanufacturing and protective surface engineering " Discusses smart machining processes, including computer-integrated manufacturing and rapid prototyping, and smart materials " Provides a comprehensive summary of state-of-the-art in every section and a description of manufacturing methods " Describes the applications in recovery and enhancing purposes and identifies contemporary trends in industrial

		practice, emphasizing resource savings and performance prolongation for components and engineering systems The book is aimed at a range of readers, including graduate-level students, researchers, and engineers in mechanical, materials, and manufacturing engineering, especially those focused on resource savings, renovation, and failure prevention of components in engineering systems.

2.	Record Nr.	UNINA9910255009203321
	Autore	Topçu Okan
	Titolo	Distributed Simulation : A Model Driven Engineering Approach / / by Okan Topçu, Umut Durak, Halit Ouztüzün, Levent Yilmaz
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-03050-7
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (296 p.)
	Collana	Simulation Foundations, Methods and Applications, , 2195-2817
	Disciplina	003.3
	Soggetti	Computer simulation Software engineering Computers Microprocessors Simulation and Modeling Software Engineering Models and Principles Processor Architectures
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliograhical references at the end of each chapters and index.
	Nota di contenuto	Part I: Foundations -- Introduction -- Model Driven Engineering -- High Level Architecture -- Part II: Development Process -- Process Models -- Part III: Modeling and Design -- Conceptual Modeling -- Federation Architecture: Simulation Environment Design -- Federate Architecture: Simulation Member Design -- Scenario Management -- Part IV: Implementation and Execution -- Implementation, Integration

	and Testing -- Simulation Evolution and Modernization -- Part V: Future Outlook -- Synergies of MDE, Simulation, and Agent Technology.
Sommario/riassunto	This unique text/reference provides a comprehensive review of distributed simulation (DS) from the perspective of Model Driven Engineering (MDE), illustrating how MDE affects the overall lifecycle of the simulation development process. Numerous practical case studies are included to demonstrate the utility and applicability of the methodology, many of which are developed from tools available to download from the public domain. Topics and features: Provides a thorough introduction to the fundamental concepts, principles and processes of modeling and simulation, MDE and high-level architecture Describes a road map for building a DS system in accordance with the MDE perspective, and a technical framework for the development of conceptual models Presents a focus on federate (simulation environment) architectures, detailing a practical approach to the design of federations (i.e., simulation member design) Discusses the main activities related to scenario management in DS, and explores the process of MDE-based implementation, integration and testing Reviews approaches to simulation evolution and modernization, including architecture-driven modernization for simulation modernization Examines the potential synergies between the agent, DS, and MDE methodologies, suggesting avenues for future research at the intersection of these three fields Distributed Simulation – A Model Driven Engineering Approach is an important resource for all researchers and practitioners involved in modeling and simulation, and software engineering, who may be interested in adopting MDE principles when developing complex DS systems.

3. Record Nr. UNINA9910409708403321

Autore	Cornish Peter
Titolo	Stepped Care 2.0: A Paradigm Shift in Mental Health / / by Peter Cornish
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	9783030480554 3-030-48055-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (148 pages)
Disciplina	362.2
Soggetti	Clinical health psychology Behavior therapy Psychotherapy Counseling Psychiatry Neuropsychology Health Psychology Behavioral Therapy Psychotherapy and Counseling
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. We Need a Better System -- Chapter 2. Open Access -- Chapter 3. Recovery Values and Principles -- Chapter 4. Expanding the Options Through Nine Steps -- Chapter 5. Navigating the System -- Chapter 6. Collaboration & Co-Design -- Chapter 7. Adapting for Unique Settings -- Chapter 8. Towards a Paradigm Shift.
Sommario/riassunto	This book is a primer on Stepped Care 2.0. It is the first book in a series of three. This primer addresses the increased demand for mental health care by supporting stakeholders (help-seekers, providers, and policy-makers) to collaborate in enhancing care outcomes through work that is both more meaningful and sustainable. Our current mental health system is organized to offer highly intensive psychiatric and psychological care. While undoubtedly effective, demand far exceeds the supply for such specialized programming. Many people seeking to

improve their mental health do not need psychiatric medication or sophisticated psychotherapy. A typical help seeker needs basic support. For knee pain, a nurse or physician might first recommend icing and resting the knee, working to achieve a healthy weight, and introducing low impact exercise before considering specialist care. Unfortunately, there is no parallel continuum of care for mental health and wellness. As a result, a person seeking the most basic support must line up and wait for the specialist along with those who may have very severe and/or complex needs. Why are there no lower intensity options? One reason is fear and stigma. A thorough assessment by a specialist is considered best practice. After all, what if we miss signs of suicide or potential harm to others? A reasonable question on the surface; however, the premise is flawed. First, the risk of suicide, or threat to others, for those already seeking care, is low. Second, our technical capacity to predict on these threats is virtually nil. Finally, assessment in our current culture of fear tends to focus more on the identification of deficits (as opposed to functional capacities), leading to over-prescription of expensive remedies and lost opportunities for autonomy and self-management. Despite little evidence linking assessment to treatment outcomes, and no evidence supporting our capacity to detect risk for harm, we persist with lengthy intake assessments and automatic specialist referrals that delay care. Before providers and policy makers can feel comfortable letting go of risk assessment, however, they need to understand the forces underlying the risk paradigm that dominates our society and restricts creative solutions for supporting those in need. SC2.0 reimagines the original UK stepped care model by integrating a range of traditional and emerging online mental health programs systematically within the context of recovery principles and practice. SC2.0 prevents problems from escalating into serious conditions by systematizing shared responsibility for accessing care options at the right time, with the right people, in the right context. Program matching decisions in SC2.0 are also more flexible and client-centric: Rather than stepping only according to diagnosis or symptom severity, one or more options of varying intensity can be jointly selected based on client need, preference, functioning, and readiness for engaging in healing work. .