

1. Record Nr.	UNISA996199886403316
Autore	Duttge Gunnar <1966-, >
Titolo	Das gendiagnostikgesetz im spannungsfeld von humangenetik und recht / / Gunnar Duttge, Wolfgang Engel, Barbara Zoll (hg.)
Pubbl/distr/stampa	Göttingen : , : Universitätsverlag Göttingen, , 2011 ©2011
Descrizione fisica	1 online resource (vi, 202 pages)
Collana	Open Access e-Books Knowledge Unlatched Göttinger Schriften zum Medizinrecht ; ; Band 11
Classificazione	347.446
Disciplina	344.4304196
Soggetti	Medical ethics Human rights Medical care - Law and legislation Human genetics
Lingua di pubblicazione	Tedesco
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Sommario/riassunto	The new Genetic Diagnostics Act of July 31, 2009 raises important questions in the area of conflict between divergent perspectives, especially in the dialogue between human genetics and law. about the organization of the genetic counseling, the tasks of the newly created genetic diagnosis commission or regarding the prenatal genetic diagnosis. At the same time, the focus is on the classic medical law aspects of medical information and consent as well as data protection issues. This multifaceted spectrum of questions was the subject of a Göttingen workshop on medical law in November 2010, jointly organized by the Institute for Human Genetics (Faculty of Medicine) and the Center for Medical Law (Faculty of Law). The contributions and results of this conference are made available to the interested public in this volume.

2. Record Nr.	UNINA9910741158903321
Titolo	Advances in Gear Theory and Gear Cutting Tool Design // edited by Stephen P. Radzevich, Michael Storchak
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-92262-6
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (644 pages)
Collana	Engineering Series
Disciplina	621.833
Soggetti	Industrial engineering Production engineering Manufactures Engines Automotive engineering Vehicles Industrial and Production Engineering Machines, Tools, Processes Engine Technology Automotive Engineering Vehicle Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Fundamental Laws of Gearing -- On the Key Mistake in Generating Envelopes to a Family of Curves and Surfaces: A Special Case of Kinematics of Enveloping – Rolling Motion -- Meshing limit line of Archimedes worm drive -- Sinusoidal Gears and a New Method of Their Cutting -- Design of technological systems for gear finishing -- Generalized Unified Model for Synthesis of Links of Parallel-Axes Gear Systems -- Gear cutting with disc-shaped milling cutters -- Additive Technologies and Gradient Materials for Plastic Gear Production -- Quality Characteristics of Gearing -- Multi-parameter gear drives and gear variators (CVTs) -- Calculation of Gear Trains for Transmission Systems of Mobile Vehicles -- Analysis of Structures of Automatic Split-Power Gear Transmissions (CVTs) -- Kinematics, statics and

dynamics of complex and coupled cylindrical planetary gears --
Carefully, Scrupulously, Responsibly (in memoriam of Professor Dmitriy
Babichev) -- Appendices.

Sommario/riassunto

This book was written by a team of leading gear experts from across the globe, including contributions from USA, Germany, Poland, China, Russia, Ukraine, and Belarus. It provides readers with the latest accomplishments in the gear theory and gear cutting tool design. Specialists can apply competencies gained from this book to quality control in gear manufacture, as well as to the conditions of their production. The book begins with a detailed discussion of the kinematics and geometry of geometrically-accurate gears and gear systems. This is followed by an analysis of state-of-the-art gear manufacturing methods with focus on gear finishing operations. Novel designs of gear transmission systems as well as gear theory and gear cutting tool design are also covered. .