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By looking through the prism of the West's involvement in the breakup of Yugoslavia, this book presents a new examination of the end of the Cold War in Europe. Incorporating declassified

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documents from the CIA, the administration of George H.W. Bush, and the British Foreign Office; evidence generated by The Hague Tribunal; and more than forty personal interviews with former diplomats and

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***policy makers, Glaurdić
exposes how the realist
policies of the Western powers
failed to prop up Yugoslavia's
continuing existence as
intended, and instead
encouraged the Yugoslav Army***

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and the Serbian regime of Slobodan Milosević to pursue violent means. The book also sheds light on the dramatic clash of opinions within the Western alliance regarding how to respond to the crisis.

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Glaurdić traces the origins of this clash in the Western powers' different preferences regarding the roles of Germany, Eastern Europe, and foreign and security policy in the future of European

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integration. With subtlety and acute insight, "The Hour of Europe" provides a fresh understanding of events that continue to influence the shape of the post-Cold War Balkans and the whole of

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Europe.

***Dudley's Handbook of Practical
Gear Design & Manufacture,
Third Edition, is the definitive
reference work for gear design,
production, inspection, and
application. This fully updated***

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edition provides practical methods of gear design, and gear manufacturing methods, for high-, medium-, and low-volume production. Comprehensive tables and references are included in the

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*text and in its extensive
appendices, providing an
invaluable source information
for all those involved in the
field of gear technology.
This is the first book-length
functional-typologically*

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***inspired crosslinguistic study
of comitatives and related
categories such as the
instrumental. On the basis of
data drawn from 400
languages world-wide
(covering all major phyla and***

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areas), the authors test and revise a variety of general linguistic hypotheses about the grammar and cognitive foundations of comitatives. Three types of languages are identified according to the

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morphological treatment of the comitative and its syncretistic association with other concepts. It is shown that the structural behaviour of comitatives is areally biassed and that the languages

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of Europe tend to diverge from the majority of the world's languages. This has important repercussions for a language-independent definition of the comitative. The supposed conceptual closeness of

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comitative and instrumental is discussed in some detail and a semantic map of the comitative is put forward. Markedness is the crucial concept for the evaluation of the relation that ties comitatives and

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instrumentals to each other. In a separate chapter, the diachrony of comitatives is looked into from the perspective of grammaticalisation research. Throughout the book, the

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argumentation is richly documented by empirical data. The book contains three case-studies of the comitative in Icelandic, Latvian and Maltese - each of which represents one of the three language types

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*identified earlier in the text.
For the purpose of comparing
the languages of Europe, a
chapter is devoted to the
analysis of a large parallel
literary corpus (covering 64
languages) which reveals that*

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the parameters of genetic affiliation, areal location and typological classification interact in intricate ways when it comes to predicting whether or not two languages of the sample behave similarly as to

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the use to which they put their comitative morphemes. With a view to determining the degree of similarity between the languages of the European subsample, methods of quantitative typology are

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***employed. General linguists
with an interest in case,
functional typologists,
grammaticalisation
researchers and experts of
markedness issues will value
this book as an important***

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contribution to their respective fields of interest. We regret that, due to a PDF problem, the figure on page 111 is partly shown in black. Please find the correct table here.

Power

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***Transmissions Proceedings of
the International Conference
on Power Transmissions 2016
(ICPT 2016), Chongqing, P.R.
China, 27-30 October 2016 CRC
Press
Mechanical Design***

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Engineering Handbook is a straight-talking and forward-thinking reference covering the design, specification, selection, use and integration of machine elements fundamental to a wide range of

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engineering applications.

***Develop or refresh your
mechanical design skills in the
areas of bearings, shafts,
gears, seals, belts and chains,
clutches and brakes, springs,
fasteners, pneumatics and***

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hydraulics, amongst other core mechanical elements, and dip in for principles, data and calculations as needed to inform and evaluate your on-the-job decisions. Covering the full spectrum of common

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*mechanical and machine
components that act as
building blocks in the design
of mechanical devices,
Mechanical Design
Engineering Handbook also
includes worked design*

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***scenarios and essential
background on design
methodology to help you get
started with a problem and
repeat selection processes with
successful results time and
time again. This practical***

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handbook will make an ideal shelf reference for those working in mechanical design across a variety of industries and a valuable learning resource for advanced students undertaking engineering

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design modules and projects as part of broader mechanical, aerospace, automotive and manufacturing programs. Clear, concise text explains key component technology, with step-by-step procedures, fully

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***worked design scenarios,
component images and cross-
sectional line drawings all
incorporated for ease of
understanding Provides
essential data, equations and
interactive ancillaries,***

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***including calculation
spreadsheets, to inform
decision making, design
evaluation and incorporation
of components into overall
designs Design procedures and
methods covered include***

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references to national and international standards where appropriate

In the late nineteenth and early twentieth centuries, the Jewish socialist movement played a vital role in protecting

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***workers' rights throughout
Europe and the Americas. Yet
few traces of this movement or
its accomplishments have been
preserved or memorialized in
Jewish heritage sites. The
Remembered and Forgotten***

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Jewish World investigates the politics of heritage tourism and collective memory. In an account that is part travelogue, part social history, and part family saga, acclaimed historian Daniel J.

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Walkowitz visits key Jewish museums and heritage sites from Berlin to Belgrade, from Krakow to Kiev, and from Warsaw to New York, to discover which stories of the Jewish experience are told and

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which are silenced. As he travels to thirteen different locations, participates in tours, displays, and public programs, and gleans insight from local historians, he juxtaposes the historical record with the

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stories presented in heritage tourism. What he finds raises provocative questions about the heritage tourism industry and its role in determining how we perceive Jewish history and identity. This book offers a

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*unique perspective on the
importance of collective
memory and the dangers of
collective forgetting.*

*Drills, reamers, milling
cutters, etc.*

[IEEE Standard Techniques for](#)

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High-voltage Testing

Magnesium Technology

A Guide to Cycle Time

Estimating and Process

Planning

Gear Hobbing, Shaping, and

Shaving

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[*Design Guide for Involute
Splines*](#)

[*Power Transmissions*](#)

[*IEEE Guide on Shielding*](#)

[*Practice for Low Voltage
Cables*](#)

[*Gear Design Simplified*](#)

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Machine Shop Training Course
Design Practices--passenger
Car Automatic Transmissions
Marketing

As a comprehensive and easy-to-use hands-on source, Basic Machining Reference Handbook is

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intended to serve as a memory jog for the experienced, as well as a reference for programmers and others who will not do the machining but do need to know exactly what's involved in performing a given machining

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step, a series of steps, or a complete job. Remaining true to its original approach, the new second edition continues to present the principles of basic machining, while summarizing the major considerations involved.

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Logically organized, this time-tested reference starts with those machining steps that most often begin the machining process and moves through the basic machining operations. It is a must-have resource for experienced

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machinists; programmers; tooling,
design and production engineers;
and students.

"Explores the widespread ethnic
cleansing that occurred in Bosnia
and Herzegovina from 1992
through 1995, war crimes and

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crimes against humanity
committed by Serbs against
Bosnian Muslims that fully meet
the criteria for genocide
established after World War II by
the Genocide Convention of
1948...Contextualizes the East

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Bosnian program of atrocities with respect to broader scholarly debates about the nature of genocide."--Publishers website
On behalf of KES International and the KES 2009 Organising Committee we are very pleased to

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present these volumes, the proceedings of the 13th International Conference on Knowledge-Based Intelligent Information and Engineering Systems, held at the Faculty of Physical Sciences and Mathematics, University of Chile,

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in Santiago de Chile. This year, the broad focus of the KES annual conference was on intelligent applications, emergent intelligent technologies and generic topics relating to the theory, methods, tools and techniques of intelligent

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systems. This covers a wide range of interests, attracting many high-quality papers, which were subjected to a very rigorous review process. Thus, these volumes contain the best papers, carefully selected from an

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impressively large number of submissions, on an interesting range of intelligent-systems topics. For the first time in over a decade of KES events, the annual conference came to South America, to Chile. For many

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delegates this represented the antipode of their own countries. We recognise the tremendous effort it took for everyone to travel to Chile, and we hope this effort was rewarded. Delegates were presented with the opportunity of

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sharing their knowledge of high-tech topics on theory and applications of intelligent systems and establishing human networks for future work in similar research areas, creating new synergies, and perhaps even, new innovative

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fields of study. The fact that this occurred in an interesting and beautiful area of the world was an added bonus.

Everyone involved in gear design and production will benefit from the practical guidelines in this

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book. Refer to it on-the-job for tips on process selection process planning, cycle time formulas and calculations, speeds and feeds, and volume considerations. This book also includes many examples to make your process planning

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and cycle time estimating easier.
This book highlights recent
research on bio-inspired
computing and its various
innovative applications in
Information and Communication
Technologies. It presents 50 high-

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quality papers from the 9th International Conference on Innovations in Bio-Inspired Computing and Applications (IBICA 2018) and 7th World Congress on Information and Communication Technologies

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(WICT 2018), which was held at Toc H Institute of Science and Technology (TIST) on December 17-19, 2018. IBICA-WICT 2018 was a premier conference and brought together researchers, engineers and practitioners whose

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work involved bio-inspired computing, computational intelligence and their applications in information security, real-world contexts etc. Including contributions by authors from 22 countries, the book offers a

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valuable reference guide for all researchers, students and practitioners in the fields of Computer Science and Engineering.

Diagrams, formulas, and text provide guidelines in problems

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involving the basic types of gears
The use of face-gears in helicopter
transmissions was explored. A
light-weight, split-torque
transmission design utilizing face-
gears is described. Face-gear
design and geometry were

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investigated. Topics included tooth generation, limiting inner and outer radii, tooth contact analysis, contact ratio, gear eccentricity, grinding, and structural stiffness. Design charts were developed to determine

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minimum and maximum face-gear inner and outer radii. An analytical study showed that the face-gear drive is relatively insensitive to gear misalignment with respect to transmission errors, but the tooth contact is

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affected by misalignment. A method of localizing the bearing contact to permit operation with misalignment was explored. Two new methods for grinding of the face-gear tooth surfaces were also investigated. The proper choice of

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shaft stiffness enabled good load sharing in the split-torque transmission design. Face-gear experimental studies were also conducted. These tests demonstrated the feasibility of face-gears in high-speed, high-

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load applications such as
helicopter transmissions ...

Transmissions (Machine
Elements), Gears, Design,
Helicopters.

[Mechanical Design Engineering
Handbook](#)

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[Genocide on the Drina River](#)

[Basic Machining Reference](#)

[Handbook](#)

[Spherical Near-field Antenna](#)

[Measurements](#)

[The Hour of Europe](#)

[A Typological Study with Special](#)

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[Focus on the Languages of Europe
Marks' Standard Handbook for
Mechanical Engineers, 12th
Edition](#)

[Practice for Enclosed Cylindrical
Wormgear Speed Reducers and
Gearmotors](#)

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[Design and Application of the
Worm Gear](#)

[Fretting Fatigue \(ESIS 18\)](#)

[Western Powers and the Breakup
of Yugoslavia](#)

*The purpose of this design guide is
to provide the designer help in*

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understanding the design, manufacture, and operation of splined shaft connections. It describes the types of splines that are typically used - including flexible and fixed splines. Contents cover: - Spline Terms and

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*Definitions Applications Operation
Dimensioning Manufacture
Bibliography.*

*The concept of the 'worm gear'
dates back to ancient times. Over
the centuries, the design and use
of this gear has evolved and*

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improved. It describes a gear that contains a spiral or 'worm' like groove in it. Its early applications mainly involved the drawing of water, but today it has many varied applications - from power transmission to manufacturing.

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This comprehensive professional reference on the subject covers not only the design and manufacture of worm gears, but also issues regarding performance, maintenance, failure analysis, as well as applications. The author

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has extensive experience in the field and has written this book for gear designers, users and manufacturers, gear users, as well as for mechanical engineering students.

Packed with facts and rules that

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students can put to use in the shop and toolroom, they include everything from underlying principles, to standards, to calculations for every specific task in shop training. Together, they provide an outstanding treatise on

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machine shop practice. No classroom or workshop where apprentices are being trained can afford to be without these valuable combination text and reference guides.

Details the skills involved in

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*operating milling cutters, planers,
lathes, shaper tools, boring
machines, grinding wheels, and
drills*

*Scattering matrix description of an
antenna. Data reduction in
spherical near-field*

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*measurements. Measurements.
Error analysis of spherical near-
field measurements. Plane-wave
synthesis. Spherical wave
functions, notation and properties.
Rotation of spherical waves.
Translation of spherical waves.*

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Data processing in antenna measurements.

All of the critical technical aspects of gear materials technology are addressed in this new reference work. Gear Materials, Properties, and Manufacture is intended for

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gear metallurgists and materials specialists, manufacturing engineers, lubrication technologists, and analysts concerned with gear failures who seek a better understanding of gear performance and gear life.

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This volume complements other gear texts that emphasize the design, geometry, and theory of gears. The coverage begins with an overview of the various types of gears used, important gear terminology, applied stresses and

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strength requirements associated with gears, and lubrication and wear. This is followed by in-depth treatment of metallic (ferrous and nonferrous alloys) and plastic gear materials. Emphasis is on the properties of carburized steels, the

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material of choice for high-performance power transmission gearing.

This outstanding reference provides the complete range of practical and theoretical information - with over 250

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*detailed illustrations, figures and
table- needed to design,
manufacture and operate reliable,
efficient gear drive systems,
emphasizing parallel shaft and
planetary units with spur and
helical gearing.*

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[Proceedings of the International
Conference on Power
Transmissions 2016 \(ICPT 2016\),
Chongqing, P.R. China, 27-30
October 2016
Metallurgy, Design Data,
Automotive Applications](#)

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[Design and Application](#)

[Metal Cutting Tool Handbook](#)

[On Comitatives and Related
Categories](#)

[Design of Distillation Column
Control Systems](#)

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*A Training Manual and Reference
Work that Discusses the Place of
Inspection in Industry ...*

S.A.E. Handbook

Involute Splines and Inspection

*13th International Conference, KES
2009, Santiago, Chile, September*

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[28-30, 2009, Proceedings](#)

A distillation column is both multivariable and nonlinear - and it consumes immense quantities of energy. Yet, despite the design challenges it presents, it is still the most popular unit operation for

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refining in industrial plants today.

Much has been published on the subject of distillation column design, but much remains to be explained.

That is why this book is unique. In a departure from the more traditional empirical and theoretical

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approaches, it introduced the reader to the practical realm, by presenting quantitative design techniques that have been demonstrated to be useful and valid over the course of hundreds of actual applications. The book is divided into three main

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parts. Part I, an introduction, presents an industrial perspective of control objectives. It discusses briefly the relationship between column design features and column controllability. It thus provides a short refresher course for chemical

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engineers and background for those trained in other branches of engineering. Part II, Concepts and Configurations, discusses column overhead and base arrangements, typical control schemes, and some hardware considerations. Part III is

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dedicated to quantitative design.

Mathematical models are presented for pressure and differential pressure controls, liquid level control, and composition control of binary distillation. Emphasis on topics of primary interest to the control

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engineer Essentially

nonmathematical treatment Ideal for
those involved in troubleshooting
existing columns as well to design
engineers

Concise yet comprehensive, this
highly acclaimed training manual

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and reference provides the many phases of inspection work and their application to today's manufacturing operations through a practical down-to-earth presentation. Discusses a range of manual and automatic measuring devices along with their

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specific functions and the specialized functions involved in their use. Analyzes the methods and duties of inspectors. Appropriate for use by inspection supervisors, plant managers, quality control engineers and subcontractors. Includes SPC

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and other data analysis methods for manufacturing applications. Provides detailed discussions of available measuring and quantitative systems. Compares important measuring and gaging systems.

This book presents papers from the
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International Conference on Power
Transmissions 2016, held in
Chongqing, China, 27th-30th
October 2016. The main objective
of this conference is to provide a
forum for the most recent advances,
addressing the challenges in modern

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mechanical transmissions. The conference proceedings address all aspects of gear and power transmission technology and a range of applications. The presented papers are catalogued into three main tracks, including design,

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simulation and testing, materials and manufacturing, and industrial applications. The design, simulation and testing track covers topics such as new methods and designs for all types of transmissions, modelling and simulation of power

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transmissions, strength, fatigue, dynamics and reliability of power transmissions, lubrication and sealing technologies and theories, and fault diagnosis of power transmissions. In the materials and manufacturing track, topics include

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new materials and heat treatment of
power transmissions, new
manufacturing technologies of
power transmissions, improved tools
to predict future demands on
production systems, new
technologies for ecologically

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sustainable productions and those which preserve natural resources, and measuring technologies of power transmissions. The proceedings also cover the novel industrial applications of power transmissions in marine, aerospace

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and railway contexts, wind turbines,
the automotive industry,
construction machinery, and robots.
A concise overview of shielding
options for various types of
interference and recommendations
on shielding practices, including

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suggestions on terminating and
grounding methods, are provided.

First published in 1962, with a
second edition in 1973, and a revised
second edition in 1988 (as AE-5). A
compendium of the latest current
practices of transmission

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engineering, for both experienced and novice transmission design engineers. Design calculations are included wherever possible. This ed Androboros, A Bographical [sic] Farce in Three Acts (1715), is universally acknowledged as the first

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play both written and printed in America. Its significance stems not simply from its publication but from its eventual impact. Androboros was not just the first of its kind, it was also ahead of its time in many ways, preceding the harsh political satires

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and farces of the later eighteenth century by some fifty years. The play inadvertently laid the foundation for one of the defining rights of the nation that would eventually emerge some seventy-five years later - the First Amendment of

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the Constitution of the United States. As a closet drama intended only to be read by close friends and political supporters, this play has languished as a minor footnote in American intellectual history. Scholarly research published to date has been,

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for the most part, inadequate and occasionally inaccurate. This study remedies that oversight, providing a full analysis as well as an annotated typescript and facsimiles of the original printing. -- from back cover.
Today's fast-paced manufacturing

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culture demands a handbook that provides how-to, no-holds-barred, no-frills information. Completely revised and updated, the Handbook of Manufacturing Engineering is now presented in four volumes. Keeping the same general format as

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the first edition, this latest edition not only provides more information but makes it more accessible. Each individual volume narrows the focus while broadening the coverage, giving you immediate access to the information you need. Volume

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Three, Parts Fabrication: Principles and Process discusses efficient deductive and systematic approaches to machine debugging while providing a refresher on the principles of structural mechanics. Edited by Richard Crowson with

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contributions from experts in each field, the book focuses on establishing communication between manufacturing and design engineers and machine-building technicians. The discussions of engineering design fundamentals, free-body

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diagrams, stresses, forces, and strength of materials help readers understand and solve counter-intuitive problems. The coverage includes material characteristics of metals, conventional fabrication processes, laser welding, modeling,

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and nontraditional machining methods. Assisting design engineers and machine builders in the successful execution of their tasks, the book recommends steps to improve technical problem solving and communication techniques. It

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provides understanding of how to incorporate deductive reasoning, systematic engineering, human interaction, and corporate cultural influences into manufacturing processes.

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present the current state of both research and technological application of magnesium. In particular, casting and wrought alloys are presented in Chapter 5, followed by a large chapter dedicated to fabrication

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applications; joining processes, and pressworking tool design. To stay abreast of the newer developments in design and manufacturing, every effort has been made to include those technologies that are

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currently finding
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