

1. Record Nr.	UNINA9910796595703321
Titolo	Disciplinary applications of information literacy threshold concepts // edited by Samantha Godbey, Susan Beth Wainscott, and Xan Goodman
Pubbl/distr/stampa	Chicago, Illinois : , : Association of College and Research Libraries, , 2017
ISBN	0-8389-8971-3
Descrizione fisica	1 online resource (379 pages)
Disciplina	028.7071/1
Soggetti	Information literacy - Study and teaching (Higher)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	; Foreword / Ray Land -- ; Introduction / Samantha Godbey, Susan Beth Wainscott, Xan Goodman -- ; Section one: Authority is constructed and contextual. Teaching inclusive authorities : indigenous ways of knowing and the framework for information literacy in Native art / Alexander Watkins -- "But how do I know it's a good source?" Authority is constructed in social work practice / Callie Wiygul Branstiter and Rebecca Halpern -- Exploring authority in linguistics research : who to trust when everyone's a language expert / Catherine Baird and Jonathan Howell -- Evidence and authority in health and exercise science research / Michelle Twait -- ; Section two: Information creation as a process. Common ground : communicating information / Beate Gersch -- Using the frame information creation as a process to teach career competencies to advertising students / Megan Blauvelt Heuer -- Moving public health learners to the skeptical edge with information creation as a process / Xan Goodman -- Teaching source selection in public affairs using information creation as a process / Christina Sheley -- ; Section three: Information has value. Information privilege in the context of community engagement in sociology / Heidi R. Johnson and Anna C. Smedley-Lopez -- Images have value : changing student perceptions of using images in art history / Courtney Baron, Christopher Bishop, Ellen Neufeld, and Jessica Robinson -- Mining for the best information value with geoscience students / Susan Beth Wainscott and Joshua Bonde -- Teaching the teachers : the value of

information for educators / Jess Haigh -- ; Section four: Research as inquiry. Empowering, enlightening, and energizing : research as inquiry in women's and gender studies / Juliann Couture and Sharon Ladenson -- Framing the visual arts : the challenges of applying the research as inquiry concept to studio art information and visual literacy / Marty Miller -- Integrating the ACRL threshold concept research as inquiry into baccalaureate nursing education / Kimberly J. Whalen and Suzanne E. Zentz -- Action research as inquiry for education students / Samantha Godbey -- ; Section five: Scholarship as conversation. Performance as conversation : dialogic aspects of music performance and study / Rachel Elizabeth Scott -- Framing the talk : scholarship as conversation in the health sciences / Candace Vance -- Widening the threshold : using scholarship as conversation to welcome students to science / Rebecca Kuglitsch -- Theater as a conversation : threshold concepts in the performing arts / Christina E. Dent -- ; Section six: Searching as strategic exploration. From novice to nurse : searching for patient care information as strategic exploration / Elizabeth Moreton and Jamie Conklin -- Leveraging the language of the past : searching as strategic exploration in the discipline of history / Jamie L. Emery -- Mapping the chaos : building a research practice with threshold concepts in studio art disciplines / Ashley Peterson -- Teaching future educators exploration through strategic searching / Michelle Keba -- Threshold concepts, information literacy, and social epistemology : a critical perspective on the ACRL Framework with reference to psychology / Tony Anderson and Bill Johnson.

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2. Record Nr.	UNINA9910973899003321
Autore	Trent E. M (Edward Moor)
Titolo	Metal cutting // Edward M. Trent, Paul K. Wright
Pubbl/distr/stampa	Boston, : Butterworth-Heinemann, c2000
ISBN	1-281-02560-7 9786611025601 0-08-051145-7
Edizione	[4th ed.]
Descrizione fisica	1 online resource (465 p.)
Altri autori (Persone)	WrightPaul Kenneth
Disciplina	671.5/3
Soggetti	Metal-cutting Metal-cutting tools
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; Table of Contents; Foreword; Preface; Acknowledgements; Chapter 1. Introduction: Historical and Economic Context; The Metal Cutting (or Machining) Process; A Short History of Machining; Machining and the Global Economy; Summary and Conclusion; References; Chapter 2. Metal Cutting Operations and Terminology; Introduction; Turning; Boring Operations; Drilling; Facing; Forming and Parting Off; Milling; Shaping and Planing; Broaching; Conclusion; References; Bibliography (Also see Chapter 15); Chapter 3. The Essential Features of Metal Cutting; Introduction; The Chip Techniques for Study of Chip Formation Chip Shape; Chip Formation; The Chip/tool Interface; Chip Flow Under Conditions of Seizure; The Built-up Edge; Machined Surfaces; Summary and Conclusion; References; Chapter 4. Forces and Stresses in Metal Cutting; Introduction; Stress on the Shear Plane; Forces in the Flow Zone; The Shear Plane and Minimum Energy Theory; Forces in Cutting Metals and Alloys; Stresses in the Tool; Stress Distribution; Conclusion; References; Chapter 5. Heat in Metal Cutting; Introduction; Heat In the Primary Shear Zone; Heat at the Tool/work Interface Heat Flow at the Tool Clearance Face Heat in Areas of Sliding; Methods of Tool Temperature Measurement; Measured Temperature Distribution in Tools; Relationship of Tool Temperature to Speed; Relationship of

Tool Temperature to Tool Design; Conclusion; References; Chapter 6. Cutting Tool Materials I: High Speed Steels; Introduction and Short History; Carbon Steel Tools; High Speed Steels; Structure and Composition; Properties of High Speed Steels; Tool Life and Performance of High Speed Steel Tools; Tool-life Testing; Conditions of Use; Further Development; Conclusion; References

Chapter 7. Cutting Tool Materials II: Cemented Carbides Cemented Carbides: an Introduction; Structures and Properties; Tungsten Carbide-Cobalt Alloys (WC-Co); Tool Life and Performance of Tungsten Carbide-Cobalt Tools; Tungsten-Titanium-Tantalum Carbide Bonded with Cobalt; Performance of (WC+TiC+TaC) -Co Tools; Perspective: StraightZ WC-Co Grades versus the Steel-CuttingZ Grades; Performance of TiC OnlyZ Based Tools; Performance of Laminated and Coated Tools; Practical Techniques of Using Cemented Carbides for Cutting; Conclusion on Carbide Tools; References

Chapter 8. Cutting Tool Materials III: Ceramics, CBN Diamond Introduction; Alumina (Ceramic) Tools; Alumina-Based Composites (Al<sub>2</sub>O<sub>3</sub> + TiC); Sialon; Cubic Boron Nitride (CBN); Diamond, Synthetic Diamond, and Diamond Coated Cutting Tools; General Survey of All Tool Materials; References; Chapter 9. Machinability; Introduction; Magnesium; Aluminum and Aluminum Alloys; Copper, Brass and Other Copper Alloys; Commercially Pure Iron; Steels: Alloy Steels and Heat-Treatments; Free-Cutting Steels; Austenitic Stainless Steels; Cast Iron; Nickel and Nickel Alloys; Titanium and Titanium Alloys; Zirconium Conclusions on Machinability

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Sommario/riassunto

Metal cutting is an essential process throughout engineering design and manufacturing industries. To increase efficiency and reduce costs, it is necessary to improve understanding of the metal cutting process. This book presents a comprehensive treatment of the subject that focuses on the features of the behavior of tool and work materials that influence the efficiency of metal cutting operations. The fourth edition of this acclaimed book has been expanded and revised to include significant changes and additions to metal cutting theory, and to cover developments in tool materials

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