1. Record Nr.   UNINA9910895636503321

   Titolo   Czasopismo geograficzne : kwartalnik Zrzeszenia Pol. Nauczycieli
                       Geografji, Towarzystwa Geograficznego we Lwowie i Towarzystwa
                       Geograficznego w Poznaniu

   Pubbl/distr/stampa Lwów, : Ksianica-Atlas T.N.S.W
                       Warszawa, : Polskie Towarzystwo Geograficzne

   Descrizione fisica 1 online resource

   Soggetti   Geography
                       Geography - Study and teaching
                       Geografia - studia i nauczanie - Polska
                       Periodicals.

   Lingua di pubblicazione   Polacco

   Formato   Materiale a stampa

   Livello bibliografico   Periodico

   Note generali   Tom <58, zesz. 1-t. 62, zesz. 4> have English title: Geographical
                       journal.
                       Imprint varies: Wrocaw, 1987-<1991>
                       Refereed/Peer-reviewed

2.	Record Nr.	UNINA9910299601003321
	Autore	Brackney Larry
	Titolo	Building Energy Modeling with OpenStudio : A Practical Guide for Students and Professionals / / by Larry Brackney, Andrew Parker, Daniel Macumber, Kyle Benne
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
	ISBN	3-319-77809-9
	Edizione	[1st ed. 2018.]
	Descrizione fisica	1 online resource (XXXVII, 325 p. 618 illus., 561 illus. in color.)
	Disciplina	696
	Soggetti	Sustainable architecture
		Mechanical engineering
		Energy consumption
		Building construction
		Buildings—Design and construction
		Building
		Construction
		Engineering, Architectural
		Sustainable Architecture/Green Buildings
		Mechanical Engineering
		Energy Efficiency
		Building Physics, HVAC
		Building Construction and Design
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Chapter 1: Introduction to Building Energy Modeling -- Chapter 2: Building envelope specification.-Chapter 3: Space Type Definitions -- Chapter 4: Introduction to Mechanical Systems -- Chapter 5: Advanced HVAC Topics -- Chapter 6: OpenStudio Measures -- Chapter 7: Parametric Analysis -- Chapter 8: Daylighting Analysis -- Chapter 9: The OpenStudio Software Development Kit -- Appendix A – Resources -- Appendix B – HVAC System "Glossary".
	Sommario/riassunto	This textbook teaches the fundamentals of building energy modeling

and analysis using open source example applications built with the US DOE's OpenStudio modeling platform and EnergyPlus simulation engine. Designed by researchers at US National Laboratories to support a new generation of high performance buildings, EnergyPlus and OpenStudio are revolutionizing how building energy modeling is taught in universities and applied by professional architects and engineers around the world. The authors, all researchers at National Renewable Energy Laboratory and members of the OpenStudio software development team, present modeling concepts using open source software that may be generally applied using a variety of software tools commonly used by design professionals. The book also discusses modeling process automation in the context of OpenStudio Measures—small self-contained scripts that can transform energy models and their data—to save time and effort. They illustrate key concepts through a sophisticated example problem that evolves in complexity throughout the book. The text also examines advanced topics including daylighting, parametric analysis, uncertainty analysis, design optimization, and model calibration. Building Energy Modeling with OpenStudio teaches students to become sophisticated modelers rather than simply proficient software users. It supports undergraduate and graduate building energy courses in Architecture, and in Mechanical, Civil, Architectural, and Sustainability Engineering. Includes assignable problems, worked examples, and online solutions to modeling exercises Teaches students and professionals the fundamentals of building energy modeling and analysis using US DOE's open source modeling platform, OpenStudio Presents methods for tackling complex new construction or retrofit projects quickly and cost-effectively Reveals processes that boost building energy modeling productivity Conveys basic energy modeling concepts in the context of the broader set of skills professional engineers and architects need to design highly efficient buildings Discusses OpenStudio as an extensible platform that supports the development of innovative applications for building science research and design Authored by key members of the OpenStudio software development team at National Renewable Energy Laboratory.