1. **Record Nr.**   UNINA9910484087103321

   Autore   Wu Weili

   Titolo   Optimal Coverage in Wireless Sensor Networks / / by Weili Wu, Zhao Zhang, Wonjun Lee, Ding-Zhu Du

   Pubbl/distr/stampa   Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020

   ISBN   3-030-52824-3

   Edizione   [1st ed. 2020.]

   Descrizione fisica   1 online resource (XII, 297 p. 118 illus., 39 illus. in color.)

   Collana   Springer Optimization and Its Applications, , 1931-6836 ; ; 162

   Disciplina   681.2

   Soggetti   Mathematical optimization
   Computer engineering
   Computer networks
   Computer science - Mathematics
   Optimization
   Computer Engineering and Networks
   Mathematical Applications in Computer Science

   Lingua di pubblicazione   Inglese

   Formato   Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   Preface -- 1. Introduction -- 2. Sensor Cover -- 3. Connected Sensor Cover -- 4. lifetime of Coverage -- 5. Weighted Sensor Cover -- 6. k-Coverage -- 7. Heterogeneous Sensors -- 8. Barrier Coverage -- 9. Sweep-Coverage -- 10. Partial Coverage -- 11. Mobile Sensors -- 12. Camera Sensors -- Energy-Harvesting Sensors -- Underwater Sensor -- Crowdsensing -- Bibliography.

   Sommario/riassunto   This book will serve as a reference, presenting state-of-the-art research on theoretical aspects of optimal sensor coverage problems. Readers will find it a useful tool for furthering developments on theory and applications of optimal coverage; much of the content can serve as material for advanced topics courses at the graduate level. The book is well versed with the hottest research topics such as Lifetime of Coverage, Weighted Sensor Cover, k-Coverage, Heterogeneous Sensors, Barrier, Sweep and Partial Coverage, Mobile Sensors, Camera Sensors and Energy-Harvesting Sensors, and more. Topics are introduced in a natural order from simple covers to connected covers,

to the lifetime problem. Later, the book begins revisiting earlier problems ranging from the introduction of weights to coverage by k sensors and partial coverage, and from sensor heterogeneity to novel problems such as the barrier coverage problem. The book ends with coverage of mobile sensors, camera sensors, energy-harvesting sensors, underwater sensors, and crowdsensing.

2.	Record Nr.	UNINA9910952255703321
	Autore	King Caryn
	Titolo	Fusing science with literature : strategies and lessons for classroom success / / Caryn M. King, Peg Sudol
	Pubbl/distr/stampa	Toronto, : Pippin Pub., 1998
	Edizione	[1st ed.]
	Descrizione fisica	84 p. : ill
	Collana	Pippin teacher's library ; ; 33
	Altri autori (Persone)	SudolPeg
	Disciplina	372.3/5044
	Soggetti	Science - Study and teaching (Middle school)
		Science
		Middle school students - Books and reading
		Content area reading
		Sciences - Etude et enseignement (Ecole moyenne)
		Sciences - Ouvrages pour la jeunesse - Bibliographie
		Eleves d'ecole moyenne - Livres et lecture
		Lecture - Relation avec les matieres d'enseignement
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Bibliographic Level Mode of Issuance: Monograph
	Nota di bibliografia	Includes bibliographical references.
	Nota di contenuto	Intro -- ACKNOWLEDGMENTS -- CONTENTS -- INTRODUCTION -- SELECTING QUALITY NONFICTION TRADE BOOKS -- COMPREHENSION STRATEGIES FOR READING NONFICTION TRADE BOOK S -- THE EARTH'S CRUST -- THE ENVIRONMENT AND ECOLOGY -- SPACE -- WEATHER -- PROFESSIONAL BIBLIOGRAPHY.
	Sommario/riassunto	Focusing on topics often covered with nine to eleven-year-old pupils, the authors provide step-by-step lesson plans that incorporate literature into the science curriculum. They offer recommendations for