1.	Record Nr.	UNINA9910712930403321
	Autore	Yokel Felix Y
	Titolo	A study of reaction forces on mobile home foundations caused by wind and flood loads / / Felix Y. Yokel, Charles W.C. Yancey, Christopher L. Mullen ; prepared for Division of Engineering, Building Technology, and Standards, Office of Policy Development and Research, Department of Housing and Urban Development and Federal Insurance Administration
	Pubbl/distr/stampa	Washington, D.C. : , : U.S. Dept. of Commerce, National Bureau of Standards : , : For sale by the Supt. of Docs., U.S. G.P.O., , 1981
	Descrizione fisica	1 online resource (x, 74 pages) : illustrations
	Collana	NBS building science series ; ; 132
	Altri autori (Persone)	MullenChristopher L YanceyC. W. C
	Disciplina	690/.0218 s 690/.879
	Soggetti	Flood damage prevention Mobile homes - Foundations Wind-pressure
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Contributed record: Metadata reviewed, not verified. Some fields updated by batch processes.
	Nota di bibliografia	Includes bibliographical references.

2.	Record Nr.	UNINA9910830549903321
	Autore	Rogers Donald <1932->
	Titolo	Computational chemistry using the PC [[electronic resource] /] / Donald W. Rogers
	Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2003
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	Edizione	[3rd ed.]
	Descrizione fisica	1 online resource (371 p.)
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	Soggetti	Chemistry - Data processing
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	Lingua di pubblicazione	Inglese
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	Livello bibliografico	Monografia
	Note generali	Includes bibliographic references (p. 333-338) and index.
	Nota di contenuto	Computational Chemistry Using the PC Third Edition; Contents; Preface to the Third Edition; Preface to the Second Edition; Preface to the First Edition; Chapter 1. Iterative Methods; Iterative Methods; An Iterative Algorithm; Blackbody Radiation; Radiation Density; Wien's Law; The Planck Radiation Law; COMPUTER PROJECT 1-1 | Wien's Law; COMPUTER PROJECT 1-2 | Roots of the Secular Determinant; The Newton-Raphson Method; Problems; Numerical Integration; Simpson's Rule; Efficiency and Machine Considerations; Elements of Single-Variable Statistics; The Gaussian Distribution
		COMPUTER PROJECT 1-3 | Medical StatisticsMolecular Speeds; COMPUTER PROJECT 1-4 | Maxwell-Boltzmann Distribution Laws; COMPUTER PROJECT 1-5 | Elementary Quantum Mechanics; COMPUTER PROJECT 1-6 | Numerical Integration of Experimental Data Sets; Problems; Chapter 2. Applications of Matrix Algebra; Matrix Addition; Matrix Multiplication; Division of Matrices; Powers and Roots of Matrices; Matrix Polynomials; The Least Equation; Importance of Rank;

Sommario/riassunto	Computational Chemistry Using the PC, Third Edition takes the reader from a basic mathematical foundation to beginning research-level calculations, avoiding expensive or elaborate software in favor of PC applications. Geared towards an advanced undergraduate or introductory graduate course, this Third Edition has revised and expanded coverage of molecular mechanics, molecular orbital theory, molecular quantum chemistry, and semi-empirical and ab initio molecular orbital approaches.With significant changes made to adjust for improved technology and increased computer literacy, Computational