1. Record Nr. UNINA9910704856403321

Autore	Goldberg Louise F.
Titolo	Cold climate foundation retrofit energy savings : the simulated energy and experimental hygrothermal performance of cold climate foundation wall insulation retrofit measures . Phase I Energy simulation / / prepared by Louise F. Goldberg and Brianna Steigauf
Pubbl/distr/stampa	Golden, CO : , : U.S. Department of Energy, Energy Efficiency & Renewable Energy, Building Technologies Program, , 2013
Descrizione fisica	1 online resource (viii, 96 pages) : color illustrations
Soggetti	Dwellings - Energy consumption - Measurement Architecture and energy conservation - Research House construction - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed on Dec. 18, 2013). "April 2013." "Prepared for the National Renewable Energy Laboratory on behalf of the U.S. Department of Energy's Building America Program, Office of Energy Efficiency and Renewable Energy." NREL Technical Monitor: Stacey Rothgeb. "DOE/GO-102013-3844"--P. [105].
Nota di bibliografia	Includes bibliographical references (page 85).
Sommario/riassunto	A split simulation whole building energy/3-dimensional earth contact model (termed the BUFETS/EnergyPlus Model or BEM) capable of modeling the full range of foundation systems found in the target retrofit housing stock has been extensively tested. These foundation systems that include abovegrade foundation walls, diabatic floors or slabs as well as lookout or walkout walls, currently cannot be modeled within BEopt.