

1. Record Nr.	UNINA9910712935203321
Autore	Yancey C. W. C
Titolo	State-of-the-art of structural test methods for walls, floors, roofs, and complete buildings : prepared for Office of Policy Development and Research, Department of Housing and Urban Development ... // C.W.C. Yancey and L.E. Cattaneo
Pubbl/distr/stampa	Washington : , : U.S. Dept. of Commerce, National Bureau of Standards : , : For sale by the Supt. of Docs., U.S. Govt. Print. Off., , 1974
Descrizione fisica	1 online resource (133 pages) : illustrations
Collana	NBS building science series ; ; 58
Classificazione	56.40
Disciplina	624/.171
Soggetti	Buildings - Testing Structural frames - Testing Charpentes - Essais Habitations - Essais
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 (pages 115-118).

2. Record Nr.	UNINA9910367740003321
Autore	Valerio Guido
Titolo	Higher Symmetries and Its Application in Microwave Technology, Antennas and Metamaterials
Pubbl/distr/stampa	MDPI - Multidisciplinary Digital Publishing Institute, 2019
ISBN	3-03921-877-8
Descrizione fisica	1 online resource (98 p.)
Soggetti	History of engineering and technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Artificial materials have been widely studied and used in photonics and microwaves in the last few decades. Recent research has proven that the introduction of specific higher symmetries in each cell of a periodic medium is an effective approach to obtain unprecedented exotic behaviors and to overcome the current limitations of these devices. For example, simple symmetries of a purely spatial type (glide or twist transformations) can have a huge impact on the properties of the resulting materials, thus defining wideband behaviors for flat lenses or large stop bands for novel EBG materials. This Special Issue opens with a novel discussion on the effect of time-reversal symmetries in antenna theory and presents new structures exploiting symmetries for antenna and microwave components, such as flat lenses, helix antennas, and gap-waveguides. Finally, new modeling methods are discussed for the study of wave propagation along glide surfaces and twist lines.