

1. Record Nr.	UNINA9910296440503321
Autore	Davies Margery W.
Titolo	Woman's place is at the typewriter : office work and office workers, 1870-1930 / / Margery W. Davies
Pubbl/distr/stampa	Philadelphia, Pennsylvania : , : Temple University Press, , 2018 ©1982
ISBN	1-4399-1817-1
Descrizione fisica	1 online resource (x, 217 pages)
Collana	Class and Culture
Disciplina	331.40973
Soggetti	Women - Employment - United States - History Clerks - United States - History
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910254191803321
Autore	Narayan Shiv
Titolo	Frequency Selective Surfaces based High Performance Microstrip Antenna // by Shiv Narayan, B. Sangeetha, Rakesh Mohan Jha
Pubbl/distr/stampa	Singapore : , : Springer Singapore : , : Imprint : Springer, , 2016
ISBN	981-287-775-4
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (62 p.)
Collana	SpringerBriefs in Computational Electromagnetics, , 2365-6239
Disciplina	621.3824
Soggetti	Microwaves Optical engineering Mathematical physics Electrical engineering Microwaves, RF and Optical Engineering Theoretical, Mathematical and Computational Physics Communications Engineering, Networks
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Introduction -- Characteristics of FSS Structures -- Microstrip Antenna over FSS based High Impedance Ground Plane -- Microstrip Antenna Loaded with FSS based Superstrate -- Summary.
Sommario/riassunto	This book focuses on performance enhancement of printed antennas using frequency selective surfaces (FSS) technology. The growing demand of stealth technology in strategic areas requires high-performance low-RCS (radar cross section) antennas. Such requirements may be accomplished by incorporating FSS into the antenna structure either in its ground plane or as the superstrate, due to the filter characteristics of FSS structure. In view of this, a novel approach based on FSS technology is presented in this book to enhance the performance of printed antennas including out-of-band structural RCS reduction. In this endeavor, the EM design of microstrip patch antennas (MPA) loaded with FSS-based (i) high impedance surface (HIS) ground plane, and (ii) the superstrates are discussed in detail. The EM analysis of proposed FSS-based antenna structures have been carried out using transmission line analogy, in combination with the reciprocity

theorem. Further, various types of novel FSS structures are considered in designing the HIS ground plane and superstrate for enhancing the MPA bandwidth and directivity. The EM design and performance analyses of FSS-based antennas are explained here with the appropriate expressions and illustrations.
