

1. Record Nr.	UNINA9910821834803321
Titolo	Leonard Percival Howell and the genesis of Rastafari / / edited by Clinton A. Hutton [and three others]
Pubbl/distr/stampa	Kingston, Jamaica : , : The University of the West Indies Press, , [2015] ©2015
ISBN	976-640-567-0
Edizione	[First edition.]
Descrizione fisica	1 online resource (298 pages)
Disciplina	299.676092
Soggetti	Rastafari movement - Jamaica - History - 20th century
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references (pages 257-271).
Nota di contenuto	Intro -- Contents -- Illustrations -- Acknowledgements -- Introduction -- Part 1 -- Analysing Leonard Howell -- Leonard Howell Announcing God -- The Conditions That Gave Birth to Rastafari in Jamaica -- Clinton A. Hutton -- Interrogating Leonard Howell as the "First Rasta" -- Michael A. Barnett -- "That Vagabond George Stewart of England" -- Leonard Howell's Seditious Sermons, 1933-1941 -- James Robertson -- Leonard P. Howell's Leadership of the Rastafari Movement and His "Missing Years" -- D.A. Dunkley -- Leonard Howell's Philosophy of Rastafari Manhood -- Jahlani A.H. Niaah -- The Process of Becoming Black -- Leonard Howell and the Manifestation of Rastafari -- Christopher A.D. Charles -- Reorienting Rasta -- Tracing Rastafari's Visual Roots -- Petrine Archer -- Social Entrepreneurship and Rastafari "Livity" -- Pinnacle as a Successful Social Enterprise -- K'adamawe A.H. N. K'nife, Edward Dixon and Allan Bernard -- Bibliographical Essay -- Howell in the Studies on Rastafari -- Louis E.A. Moyston -- Part 2 -- Remembering Leonard Howell -- Growing Up in Pinnacle -- An Interview with Monty and Billbert Howell -- Clinton A. Hutton -- Leonard Howell versus Robert William Lyall-Grant -- Miguel Lorne -- Leonard P. Howell -- A Portrait -- Louis E.A. Moyston -- Epilogue -- The Necessity to Never Forsake or Forget Gangunguru Maragh -- I-Nation -- Bibliography -- Contributors.

2. Record Nr.	UNINA9910300560503321
Autore	Thomas Philip A
Titolo	Narrow Plasmon Resonances in Hybrid Systems // by Philip A. Thomas
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-97526-9
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (XVII, 114 p. 49 illus., 37 illus. in color.)
Collana	Springer Theses, Recognizing Outstanding Ph.D. Research, , 2190-5053
Disciplina	530.417
Soggetti	Surfaces (Physics) Interfaces (Physical sciences) Thin films Optical materials Electronics - Materials Nanotechnology Electronic circuits Surface and Interface Science, Thin Films Optical and Electronic Materials Electronic Circuits and Devices
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Plasmonics -- Two-dimensional Materials -- Super-narrow, Extremely High Quality Collective Plasmon Resonances at Telecommunication Wavelengths -- Nanomechanical Electro-optical Modulator Based on Atomic Heterostructures -- Strong Coupling of Diffraction Coupled Plasmons and Optical Waveguide Modes in Gold Stripe-dielectric Nanostructures at Telecom Wavelengths -- Phase-sensitive Detection of HT-2 Mycotoxin Using Graphene-protected Copper Plasmonics -- Conclusions and Future Work.
Sommario/riassunto	Advances in understanding the interactions between light and subwavelength materials have enabled the author and his collaborators to tailor unique optical responses at the nanoscale. In particular, metallic nanostructures capable of supporting surface plasmons can be designed to possess spectrally narrow plasmon resonances, which are

of particular interest due to their exceptional sensitivity to their local environment. In turn, combining plasmonic nanostructures with other materials in hybrid systems allows this sensitivity to be exploited in a broad range of applications. In this book the author explores two different approaches to attaining narrow plasmon resonances: in gold nanoparticle arrays by utilising diffraction coupling, and in copper thin films covered by a protective graphene layer. The performance of these resonances is then considered in a number of applications.

Nanoparticle arrays are used along with an atomic heterostructure as elements in a nanomechanical electro-optical modulator that is capable of strong, broadband modulation. Strong coupling between diffraction-coupled plasmon resonances and a gold nanoparticle array and guided modes in a dielectric slab is used to construct a hybrid waveguide.

Lastly, the extreme phase sensitivity of graphene-protected copper is used to detect trace quantities of small toxins in solution far below the detection limit of commercial surface plasmon resonance sensors.

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