1. Record Nr.   UNINA990000073360403321

    Autore   Hoüel, Jules <1823-1886>

    Titolo   Tables de logarithmes à cinq décimal pour les nombres et les lignes trigonométriques : suivies des logarithmesd'addition et de soustraction ou logarithmes de Gauss, et de diverses tables usuelles / J. Houel ; nouvelle édition revue et augmentée

    Pubbl/distr/stampa   Paris : Gauthier-Villars, 1886

    Descrizione fisica   XLVIII, 118 p. : ill. ; 25 cm

    Disciplina   512.922

    Locazione   FINBC

    Collocazione   13 AR 16 D 56

    Lingua di pubblicazione   Italiano

    Formato   Materiale a stampa

    Livello bibliografico   Monografia

2.	Record Nr.	UNISA996395799403316
	Autore	Godard Thomas
	Titolo	The deemon of Marleborough, or, More news from VVilt-shire [[electronic resource]] : in a most exact account of the aparition of the ghost, or spirit of Edward Aven : published heretofore, but now much augmented, with many more discoveries, containing wonderful passages, from its first appearance there, to the 24th of Jan., 1674/5 : being the examination of Thomas Godard, the said Avens son in law, taken before the major, and other magistrates of that borough
	Pubbl/distr/stampa	[London, : s.n.], 1675
	Descrizione fisica	8 p
	Soggetti	Apparitions Ghosts - England Spirits
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"I the underwritten did examine the above named Thomas Godord ..., [signed] William Houldbrook." Place of publication suggested by Wing. Imperfect: stained, with print show-through. Reproduction of original in the British Library.
	Sommario/riassunto	eebo-0018

3.	Record Nr.	UNINA9910250049503321
	Autore	Morfonios Christian V.
	Titolo	Control of Magnetotransport in Quantum Billiards : Theory, Computation and Applications / / by Christian V. Morfonios, Peter Schmelcher
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
	ISBN	3-319-39833-4
	Edizione	[1st ed. 2017.]
	Descrizione fisica	1 online resource (X, 252 p. 49 illus., 48 illus. in color.)
	Collana	Lecture Notes in Physics, , 0075-8450 ; ; 927
	Disciplina	530.416
	Soggetti	Semiconductors
		Optical materials
		Electronics - Materials
		Nanotechnology
		Magnetism
		Magnetic materials
		Nanoscience
		Nanostructures
		Optical and Electronic Materials
		Nanotechnology and Microengineering
		Magnetism, Magnetic Materials
		Nanoscale Science and Technology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Introduction -- Electrons in mesoscopic low-dimensional systems -- Coherent electronic transport: Landauer-Büttiker formalism -- Stationary scattering in planar confining geometries -- Computational quantum transport in multiterminal and multiply connected structures -- Magnetoconductance switching by phase modulation in arrays of oval quantum billiards -- Current control in soft-wall electron billiards: energy-persistent scattering in the deep quantum regime -- Directional transport in multiterminal focusing quantum billiards -- Summary, conclusions, and perspectives.

Sommario/riassunto

In this book the coherent quantum transport of electrons through two-dimensional mesoscopic structures is explored in dependence of the interplay between the confining geometry and the impact of applied magnetic fields, aiming at conductance controllability. After a top-down, insightful presentation of the elements of mesoscopic devices and transport theory, a computational technique which treats multiterminal structures of arbitrary geometry and topology is developed. The method relies on the modular assembly of the electronic propagators of subsystems which are inter- or intra-connected providing large flexibility in system setups combined with high computational efficiency. Conductance control is first demonstrated for elongated quantum billiards and arrays thereof where a weak magnetic field tunes the current by phase modulation of interfering lead-coupled states geometrically separated from confined states. Soft-wall potentials are then employed for efficient and robust conductance switching by isolating energy persistent, collimated or magnetically deflected electron paths from Fano resonances. In a multiterminal configuration, the guiding and focusing property of curved boundary sections enables magnetically controlled directional transport with input electron waves flowing exclusively to selected outputs. Together with a comprehensive analysis of characteristic transport features and spatial distributions of scattering states, the results demonstrate the geometrically assisted design of magnetoconductance control elements in the linear response regime.