

1. Record Nr.	UNISALENTO991001326519707536
Autore	Kantorovitz, Shmuel
Titolo	Semigroups of operators and spectral theory / Shmuel Kantorovitz
Pubbl/distr/stampa	Harlow : Longman, 1995
ISBN	0582277787
Descrizione fisica	135 p. ; 25 cm.
Collana	Pitman research notes in mathematics series, ISSN 02693674 ; 330
Classificazione	AMS 47D06
Disciplina	515.72
Soggetti	Semigroups of operators Spectral theory
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes bibliographical references (p. 132-135)

2. Record Nr.	UNINA9910254352903321
Autore	Paro Filho Pedro Emiliano
Titolo	Charge-based CMOS Digital RF Transmitters // by Pedro Emiliano Paro Filho, Jan Craninckx, Piet Wambacq, Mark Ingels
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-45787-X
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XXIX, 152 p. 156 illus., 98 illus. in color.)
Collana	Analog Circuits and Signal Processing, , 1872-082X
Disciplina	621.384131
Soggetti	Electronic circuits Electronics Microelectronics Signal processing Image processing Speech processing systems Circuits and Systems Electronics and Microelectronics, Instrumentation Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Introduction -- Incremental-charge-based Operation -- Capacitive Charge-based Transmitter -- Resistive Charge-based Transmitter -- Conclusion.
Sommario/riassunto	This book introduces a completely novel architecture that can relax the trade-off existing today between noise, power and area consumption in a very suitable solution for advanced wireless communication systems. Through the combination of charge-domain operation with incremental signaling, this architecture gives the best of both worlds, providing the reduced area and high portability of digital-intensive architectures with an improved out-of-band noise performance given by intrinsic noise filtering capabilities. Readers will be enabled to design higher performance radio front-ends that consume less power and area, especially with respect to the transmitter and power amplifier designs, considered by many the "battery killers" on most mobile devices.

Describes an innovative architecture that has proved to support advanced wireless communication systems, with outstanding noise performance and improved power and area consumption; Provides an in-depth description of underlying concepts, implementation and results achieved; Demonstrates two real implementations, showing design details and measurement results.
