1. Record Nr. UNINA9910707172803321

Autore	Crandell Dwight R (Dwight Raymond), <1923-2009, >
Titolo	Gigantic debris avalanche of Pleistocene Age from ancestral Mount Shasta volcano, California, and debris-avalanche hazard zonation / / by Dwight R. Crandell
Pubbl/distr/stampa	[Reston, Va.] : , : Department of the Interior, U.S. Geological Survey, , 1989 [Washington, D.C.] : , : United States Government Printing Office
Descrizione fisica	1 online resource (iv, 32 pages) : illustrations (some color), maps
Collana	U.S. Geological Survey bulletin ; ; 1861
Soggetti	Debris avalanches - California - Mount Shasta Region Geology - California - Mount Shasta Region Geology, Stratigraphic - Pleistocene
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Title from title screen (viewed Aug. 18, 2014).
Nota di bibliografia	Includes bibliographical references.

2. Record Nr. UNINA9910299859803321

Autore	Senani Raj
Titolo	Current Conveyors : Variants, Applications and Hardware Implementations / / by Raj Senani, D. R. Bhaskar, A. K. Singh
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-08684-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (574 p.)
Disciplina	620 621.381 621.3815
Soggetti	Electronic circuits Electronics Microelectronics Circuits and Systems Electronic Circuits and Devices Electronics and Microelectronics, Instrumentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Part I Evolution and hardware implementation of Current Conveyors -- The evolution and the history of Current Conveyors -- Hardware implementations of CCs using off-the-shelf ICs -- Integratable Bipolar CC architectures and commercially available IC CCs -- CMOS implementations of Current Conveyors -- Part II The early (First generation) applications of basic CCI and CCII -- Basic analog circuit building blocks using CCs and application of CCs in impedance synthesis -- First, Second and Higher order filter design using Current Conveyors -- Realization of Sinusoidal Oscillators Using CCs -- Nonlinear Applications of CCs. .
Sommario/riassunto	This book serves as a single-source reference to Current Conveyors and their use in modern Analog Circuit Design. The authors describe the various types of current conveyors discovered over the past 45 years, details of all currently available, off-the-shelf integrated circuit current conveyors, and implementations of current conveyors using

other, off-the-shelf IC building blocks. Coverage includes prominent bipolar/CMOS/Bi-CMOS architectures of current conveyors, as well as all varieties of starting from third generation current conveyors to universal current conveyors, their implementations and applications. •Describes all commercially available off-the-shelf IC current conveyors, as well as hardware implementations of current conveyors using other off-the-shelf ICs; • Describes numerous variants of current conveyors evolved over the past forty five years; • Describes a number of Bipolar/CMOS/Bi-CMOS architectures of current conveyors, along with their characteristic features; • Includes a comprehensive collection of over 400 application circuits using current conveyors; • Provides an exhaustive catalogue of current conveyor-based circuits for a variety of applications, including instrumentation amplifiers, precision rectifiers, simulated inductors, filters, sinusoidal oscillators, waveform generators, chaos generators, analog multipliers/dividers, memristive emulators and numerous others.