1. Record Nr. UNISA996385043303316

Autore	Squire William <d. 1677.>
Titolo	The unreasonableness of the Romanists, requiring our communion with present Romish church, or, A discourse drawn from the perplexity and uncertainty of the principles, and from the contradictions betwixt the prayers and doctrine of the present Romish church [[electronic resource]] : to prove that 'tis unreasonable to require us to joyn in communion with it
Pubbl/distr/stampa	London, : Printed by T.R. for Richard Royston, 1670
Descrizione fisica	[38], 170 p., [1] folded plate
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Reproduction of original in Huntington Library. Attributed to Willian Squire. cf. BM.
Sommario/riassunto	eebo-0113

2. Record Nr. UNINA9910299938503321

Autore	Prinzie Jeffrey
Titolo	Radiation Hardened CMOS Integrated Circuits for Time-Based Signal Processing / / by Jeffrey Prinzie, Michiel Steyaert, Paul Leroux
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-78616-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (205 pages)
Collana	Analog Circuits and Signal Processing, , 1872-082X
Disciplina	621.3815
Soggetti	Electronic circuits Signal processing Image processing Speech processing systems Electronics Microelectronics Circuits and Systems Signal, Image and Speech Processing Electronics and Microelectronics, Instrumentation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Introduction -- Radiation Effects in CMOS Technology -- Time-Domain Signal Processing -- Clock Synthesizers -- Single Shot Time-to-Digital Converters -- Low Jitter Clock Generators -- Radiation experiments on CMOS PLLs -- Radiation Hard Frequency Synthesizers -- Conclusion.
Sommario/riassunto	This book presents state-of-the-art techniques for radiation hardened high-resolution Time-to-Digital converters and low noise frequency synthesizers. Throughout the book, advanced degradation mechanisms and error sources are discussed and several ways to prevent such errors are presented. An overview of the prerequisite physics of nuclear interactions is given that has been compiled in an easy to understand chapter. The book is structured in a way that different hardening techniques and solutions are supported by theory and experimental data with their various tradeoffs. Based on leading-edge research, conducted in collaboration between KU Leuven and CERN, the European

Center for Nuclear Research Describes in detail advanced techniques to harden circuits against ionizing radiation Provides a practical way to learn and understand radiation effects in time-based circuits Includes an introduction to the underlying physics, circuit design, and advanced techniques accompanied with experimental data.