1. Record Nr. UNINA990004351900403321

Autore	Campbell, Charles Soutter <1911- >
Titolo	Special business interests and the open door policy / by Charles S. Campbell jr.
Pubbl/distr/stampa	s.l. : Archon Books, 1968
Descrizione fisica	VII, 88 p. ; 23 cm
Disciplina	320.973
Locazione	FLFBC
Collocazione	320.97 CAM 1
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910254196903321

Autore	Vogel Burkhard
Titolo	Balanced Phono-Amps : An Extension to the 'The Sound of Silence' Editions / / by Burkhard Vogel
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-18524-1
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (436 p.)
Disciplina	620
Soggetti	Acoustical engineering Electronics Microelectronics Signal processing Image processing Speech processing systems Engineering Acoustics Electronics and Microelectronics, Instrumentation Signal, Image and Speech Processing
Lingua di pubblicazione	Inglese

Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Extra materials, extras.springer.com"--Cover. Includes indexes.
Nota di contenuto	The Complete Engine II – Overview -- Mathcad Worksheets Amp3 -- The Transformer and Op-Amp Driven Input Stage Amp1 -- The BJT and Op-Amp Driven Input Stage Amp2 -- Selection of Draft Designs of Other Input Stages -- Measurement Tools and Trimming -- Mathcad Worksheets of Measurement Tools -- Mathcad Worksheets of the MM Noise Reduction Method -- Mathcad Worksheets of DIF Amps.
Sommario/riassunto	In 12 chapters (Part I) this extension to the two 'The Sound of Silence' editions covers the development, calculation, construction and measurement of the fully differential (= balanced) phono-amp solution 'RIAA Phono-Amp Engine II'. Additionally, the balanced measurement amplifiers & measurement tools, the discussion on BJT gain stages, the 1/f noise calculation methods for BJTs, the calculation of fully-differential amplifiers, the numerous Mathcad worksheets, and the presentation of test and calibration records fill a further 10 chapters of Part II with essential knowhow that will equip the reader to develop his/her own phono-amp solution in the most balanced way - and of course, as low-noise as possible. Engine II offers eight different amplifying paths from the Engine's input to its output - solid-state as well as valve driven. To expand the input possibilities via an additional external input, any kind of other linear input amplifiers can be connected. Further, a selection of six highly diverse external input amplifier examples are discussed - BJT, valve, transformer and JFET-driven variants. Although the book primarily focuses on MC cartridge amplification, MM cartridge considerations are not neglected: two further chapters in Part II address methods for increasing the signal-to-noise ratios of MM phono-amps. .