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	Autore	Owad, Tom.
	Titolo	Apple I replica creation [electronic resource] : back to the garage / Tom Owad ; with a foreward by Steve Wozniak
	Pubbl/distr/stampa	Rockland, MA : Syngress, c2005
	ISBN	9781931836401
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	Descrizione fisica	xxv, 333 p. : ill. ; 24 cm. + 1 computer optical disc (4 3/4 in.)
	Disciplina	004.165
	Soggetti	Apple computer - Design and construction - Handbooks, manuals, etc
		Apple computer - Programming - Handbooks, manuals, etc
		Assembler language (Computer program language) - Handbooks, manuals, etc
		BASIC (Computer program language) - Handbooks, manuals, etc
		Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Risorsa elettronica
	Livello bibliografico	Monografia
	Note generali	Includes index.
		CD-ROM includes: McCAD EDS S.E.400.
	Nota di contenuto	Part I - Hardware ; Introduction ; Understanding the Apple I ; The Processor ; On The Bus: Memory, ROM and RAM ; In, Out, and the 6821 ; Interfacing video and keyboard ; Building and Testing ; Setting it all up ; Choosing peripherals ; Building a case ; Part II - Programming ; BASIC ; Forth ; Assembly ; Part III -Additional Projects ; Single-step ; Reading sensors ; Controlling lights ; Controlling motors ; LCD display.
	Sommario/riassunto	The perfect book for computer hobbyists, Apple I Replica Creation: Back to the Garage is sure to equally appeal both to kids with gift certificates looking for fun on a snowy January day as well as to adults eager to learn the basics of simple microcomputer design. The book will begin by teaching readers the basics of computer processing by discussing the functionality of the 9 chip on the Apple I motherboard. From there, readers will be taught the basics of memory access and video input and output. Readers then learn how to assemble the various hardware components into a fully functioning Apple I replica. Finally, readers will learn how to write their own applications to take

run on their new/old computer. *Written by the webmaster of AppleFritter.com, which is the most popular Mac hobbyist Web site on the internet with over 10,000 visitors a day. *Interest in vintage Apple I Computers is extremely high, with original machines selling for as much as $50,000. *The only modern-day book to address general microcomputer design from a hobbyist perspective.