1.	Record Nr.	UNINA9910974334503321
	Autore	Goldstine Herman H (Herman Heine), <1913-2004.>
	Titolo	The computer from Pascal to von Neumann / / Herman H. Goldstine
	Pubbl/distr/stampa	Princeton, N.J., : Princeton University Press, [1993]
	ISBN	9786613100306
		9781283100304
		1283100304
		9781400820139
		1400820138
	Edizione	[Course Book]
	Descrizione fisica	1 online resource (399 p.)
	Disciplina	004/.09
	Soggetti	Computers - History
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	First Princeton paperback printing, 1980.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	pt. 1. The historical background up to World War II -- pt. 2. Wartime developments : ENIAC and EDVAC -- pt. 3. Post-World War II : the von Neumann machine and the institute for advanced study.
	Sommario/riassunto	In 1942, Lt. Herman H. Goldstine, a former mathematics professor, was stationed at the Moore School of Electrical Engineering at the University of Pennsylvania. It was there that he assisted in the creation of the ENIAC, the first electronic digital computer. The ENIAC was operational in 1945, but plans for a new computer were already underway. The principal source of ideas for the new computer was John von Neumann, who became Goldstine's chief collaborator. Together they developed EDVAC, successor to ENIAC. After World War II, at the Institute for Advanced Study, they built what was to become the prototype of the present-day computer. Herman Goldstine writes as both historian and scientist in this first examination of the development of computing machinery, from the seventeenth century through the early 1950's. His personal involvement lends a special authenticity to his narrative, as he sprinkles anecdotes and stories liberally through his text.