

1. Record Nr.	UNISA996208044503316
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Titolo	Dawn of the electronic age : electrical technologies in the shaping of the modern world, 1914 to 1945 // Frederik Nebeker
Pubbl/distr/stampa	Piscataway, New Jersey : , : IEEE, , c2009
ISBN	1-282-13704-2 9786612137044 0-470-40975-4 0-470-40974-6
Descrizione fisica	1 online resource (550 p.)
Disciplina	621.309
Soggetti	Electrification - History - 20th century Electrical engineering - History - 20th century Electric apparatus and appliances - History - 20th century
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	The Great War and wireless communications -- Electrical technologies in total war -- Electrification in the interwar period -- The Jazz Age and radio broadcasting -- Postwar recovery and the Great Depression : electrical technologies in industry and commerce -- Electrical technologies and the consumer culture -- Communication technologies in democratic and totalitarian countries -- Electrical engineering in an age of science -- World War II and electrical technology -- Radar, the weapon that decided the war -- Conclusion : dawn of the electronic age.
Sommario/riassunto	"Much of the infrastructure of today's industrialized world arose in the period from the outbreak of World War I to the conclusion of World War II. It was during these years that the capabilities of traditional electrical engineering--generators, power transmission, motors, electric lighting and heating, home appliances, and so on--became ubiquitous. Even more importantly, it was during this time that a new type of electrical engineering--electronics--emerged. Because of its applications in communications (both wire-based and wireless), entertainment (notably radio, the phonograph, and sound movies), industry, science

and medicine, and the military, the electronics industry became a major part of the economy. Dawn of the Electronic Age explores how this engineering knowledge and its main applications developed in various scientific, economic, and social contexts, and explains how each was profoundly affected by electrical technologies. It takes an international perspective and a narrative approach, unfolding the story chronologically."--P. 4 of cover.
