

1. Record Nr.	UNINA9910828551503321
Autore	Zinn S (Stanley)
Titolo	Elements of induction heating : design, control, and applications // S. Zinn and S.L. Semiatin ; EPRI program managers, I.L. Harry and R.D. Jeffress
Pubbl/distr/stampa	Polo Alto, CA, : Electric Power Research Institute Metals Park, OH, : ASM International, c1988
ISBN	1-62708-341-3 1-61503-198-7
Edizione	[1st ed.]
Descrizione fisica	xv, 335 p. : ill
Altri autori (Persone)	SemiatinS. L
Disciplina	671
Soggetti	Induction heating Electric heating
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Bulk of the work was sponsored by the Electric Power Research Institute (EPRI) through its contract with Battelle Columbus Division"-- Pref.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Intro -- Preface -- Contents -- Introduction -- Theory of Induction Heating -- Tuning of Induction Heating Circuits and Load Matching -- Induction Heating Power Supplies -- Auxiliary Equipment for Induction Heating -- Process Design for Specific Applications -- Fundamentals of Process Control -- Coil Design and Fabrication -- Flux Concentrators, Shields, and Susceptors -- Materials Handling -- Special Applications of Induction Heating -- Economics -- Index.