

1. Record Nr.	UNINA9910455217503321
Titolo	Modern coordination chemistry [[electronic resource]] : the legacy of Joseph Chatt / / edited by G.J. Leigh and N. Winterton
Pubbl/distr/stampa	Cambridge, : Royal Society of Chemistry, c2002
ISBN	1-84755-148-3
Descrizione fisica	1 online resource (416 p.)
Altri autori (Persone)	ChattJ LeighG. J WintertonN
Disciplina	541/.2242
Soggetti	Coordination compounds Electronic books.
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 indexes.
Nota di contenuto	section A. Reminiscences of Joseph Chatt Drawn from conversations and from the recollections of co-workers -- section B. Recent developments in the synthesis, bonding modes and reactivity of hydrido and dihydrogen complexes -- section C. The chemistry of phosphines -- section D. Transition metal complexes of olefins, acetylenes, arenes and related isolobal ligands -- section E. Chemistry related to dinitrogen complexes -- section F. The biological work of the ARC unit of nitrogen fixation at the University of Sussex, and later developments -- section G. Pattern and generalisations in stability and reactivity -- section H. Other papers presented at the 34th International Conference on Coordination Chemistry, Edinburgh, Scotland, July 2000.
Sommario/riassunto	Coordination chemistry, as we know it today, has been shaped by major figures from the past, one of whom was Joseph Chatt. Beginning with a description of Chatt's career presented by co-workers, contemporaries and students, this fascinating book then goes on to show how many of today's leading practitioners in the field, working in such diverse areas as phosphines, hydrogen complexes, transition metal complexes and nitrogen fixation, have been influenced by Chatt. The reader is then brought right up-to-date with the inclusion of some

of the latest research on these topics, all of which serves
