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Titolo	Advanced topics in linear algebra [[electronic resource]] : weaving matrix problems through the Weyr form / / Kevin C. O'Meara, John Clark, Charles I. Vinsonhaler
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Descrizione fisica	1 online resource (423 p.)
Altri autori (Persone)	ClarkJohn VinsonhalerCharles Irvin <1942->
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Lingua di pubblicazione	Inglese
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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Background linear algebra -- The Weyr form -- Centralizers -- The module setting -- Gerstenhaber's theorem -- Approximate simultaneous diagonalization -- Algebraic varieties.
Sommario/riassunto	The Weyr matrix canonical form is a largely unknown cousin of the Jordan canonical form. Discovered by Eduard Weyr in 1885, the Weyr form outperforms the Jordan form in a number of mathematical situations, yet it remains somewhat of a mystery, even to many who are skilled in linear algebra. Written in an engaging style, this book presents various advanced topics in linear algebra linked through the Weyr form. Kevin O'Meara, John Clark, and Charles Vinsonhaler develop the Weyr form from scratch and include an algorithm for computing it. A fascinating duality exists between the Weyr form and the