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	Descrizione fisica	1 online resource (xiii, 336 pages) : digital, PDF file(s)
	Collana	Dolciani mathematical expositions ; ; no. 16
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	Nota di contenuto	Scalars -- Vectors -- Bases --Transformations -- Duality -- Similarity -- Canonical forms -- Inner product spaces -- Normality -- Hints and solutions.
	Sommario/riassunto	Linear Algebra Problem Book can be either the main course or the dessert for someone who needs linear algebraand nowadays that means every user of mathematics. It can be used as the basis of either an official course or a program of private study. If used as a course, the book can stand by itself, or if so desired, it can be stirred in with a standard linear algebra course as the seasoning that provides the interest, the challenge, and the motivation that is needed by experienced scholars as much as by beginning students. The best way to learn is to do, and the purpose of this book is to get the reader to DO linear algebra. The approach is Socratic: first ask a question, then give a hint (if necessary), then, finally, for security and completeness, provide the detailed answer.