

Book Review

M. Jeger and B. Eckmann, **Vector geometry and linear algebra**, John Wiley & Sons, London 1967, 259 p., price 63 sh.

This book is intended for students of engineering, with a view to introducing them to vector methods and their geometrical applications, and to the simplest concepts of linear algebra. The book starts with vector algebra, scalar and vector products, parametric representations and equations of lines, planes, curves and surfaces. The second part of the book is devoted to matrices, determinants, linear equations and the whole three-dimensional linear algebra, including quadratic forms and the principal axis theorem. The book ends with 16 pages about tensors. The fact that this book has been translated from the original German edition (Birkhäuser Verlag Basel 1967) perhaps indicates some of its success. Summarizing, this is a very good textbook for a first course in analytic geometry and linear algebra.

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