VOLUME III – PART 1

(to be published in February, 1963)

On supplements in finite groups	R. KOCHENDÖRFFER
Tetrads of Möbius tetrahedra	SAHIB RAM MANDAN
On the sign of a multiple integral	L. J. M. MORDELL
Minimal Hausdorff and maximal compact spaces	N. SMYTHE AND C. A. WILKINS
The Elastodynamics of moving loads. I . .	MICHAEL PAPADOPOULOS
Two non-linear birth and death processes .	J. A. BATHER
And Others	

https://doi.org/10.1017/S1446788700027415 Published online by Cambridge University Press

J. C. H. Gerretsen

LECTURES ON TENSOR CALCULUS AND DIFFERENTIAL GEOMETRY

XII + 204 pp. Cloth Dfl 25,— / US $ 7,—

Contents: 1. Linear vector spaces. – 2. Metric vector spaces. – 3. Bilinear and quadratic forms. – 4. Tensors. – 5. Manifolds in a metric point spaces. – 6. Curves. – 7. Geodesic differentiation. – 8. Hyper surfaces. – 9. Theory of curvature of general manifolds. – 10. Theory of integrability. – Bibliography-Index.

M. A. Krasnosel'skii and Ya. B. Rutickii

CONVEX FUNCTIONS AND ORLICZ SPACES

XII + 249 pp. Cloth Dfl 20,— / US $ 5,50

Translation from the first Russian edition by Leo F. Boron. A discussion of the theory of extensive classes of convex functions which play an important role in many branches of mathematics. The theory of Orlicz spaces is developed in detail and applications are pointed out.

P. NOORDHOFF Ltd. . Groningen . The Netherlands

In preparation:

A. L. Khovanskii, **The Application of Continued Fractions and their Generalizations to Problems in Approximation Theory**

Translation of the 1956 Russian edition by Dr. P. Wynn.

This book will be of special interest to students and research workers in the field of Numerical Analysis; besides, it will be of considerable general interest.

The author, who is a lecturer in the Pedagogic Institute at Ioshkar-Ola, has written the book with great care and clarity.

Chapters. I. Certain Problems in the Theory of Continued Fractions. II. Continued Fraction Expansions of Certain Functions. III. Further Methods for Obtaining Rational Function Approximations. IV. Generalized Continued Fractions.

P. NOORDHOFF N.V. — GRONINGEN — THE NETHERLANDS

https://doi.org/10.1017/S1446788700027415 Published online by Cambridge University Press