by G. Whyburn. It concerns those topological objects which center around the function concept. The book is concluded by Whyburn's article entitled "Dynamic Topology" which appeared in 1970 in the American Mathematical Monthly.

J. L. Kelley writes in the Foreword: "Constructing a proof for a good known theorem is next best to finding and proving a good theorem. It gives one hope of eventually creating mathematics". Therefore, we recommend this book to every student and teacher interested in analysis, especially in topology.

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Livres reçus par la rédaction

S. S. Abhyankar, Weighted expansions for canonical desingularization (Lecture Notes in Mathematics, Vol. 910), VII + 236 pages, Springer-Verlag, Berlin—Heidelberg— NewYork, 1982. — DM 25,—.

Analytic Theory of Continued Fractions. Proceedings, Loen, Norway 1981. Edited by W. B. Jones, W. J. Thron, and H. Waadeland (Lecture Notes in Mathematics, Vol. 932), VI + 240 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 28,—.

D. M. Arnold, Finite rank torsion free Abelian groups and rings (Lecture Notes in Mathematics, Vol. 931), VII + 191 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 24,—.

Automorphic Forms, Representation Theory and Arithmetic. Papers presented at the Bombay Colloquium 1979 (Tata Institute Studies in Mathematics), VII + 355 pages, Tata Institute of Fundamental Research, Bombay—Springer-Verlag, Berlin—Heidelberg—New York, 1981. — DM 39,—.

J. Back—D. J. Newman, Complex analysis (Undergraduate Texts in Mathematics), X + 244 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 54,—.

P. Berthelot—L. Breen—W. Messing, Théorie de Dieudonné cristalline II (Lecture Notes in Mathematics, Vol. 930), XI + 261 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 33,50.

J. M. Bismut—L. Gross—K. Krickeberg, Ecole d'été de Probabilités de Saint-Flour X—1980. Edité par P. L. Hennequin (Lecture Notes in Mathematics, Vol. 929), X + 313 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 39,—.

P. M. C. de Boer, Price effects in input-output relations: A theoretical and empirical study for the Netherlands 1949—1967 (Lecture Notes in Economics and Mathematical Systems, Vol. 201), X + 140 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 24,—.

R. Bott—L. W. Tu, Differential forms in algebraic topology (Graduate Texts in Mathematics, Vol. 82), XIV + 331 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 74,—.

Brauer Groups in Ring Theory and Algebraic Geometry. Proceedings, University of Antwerp, Belgium, August 17—28, 1981. Edited by F. van Oystaeyen and A. Verschoren (Lecture Notes in Mathematics, Vol. 918), VIII + 300 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 34,50.

Categorical Aspects of Topology and Analysis. Proceedings of an International Conference held at Carleton University, Ottawa, August 11—15, 1981. Edited by B. Banaschewski (Lecture Notes in Mathematics, Vol. 915), XI + 385 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 39,—.

K. L. Chung, Lectures from Markov processes to Brownian motion (Grundlehren der mathematischen Wissenschaften, Band 249), VIII + 239 pages, Springer-Verlag, Berlin—Heidelberg—New York, 1982. — DM 79,—.