

- [E] G. J. Ellis, *Homotopy classification the J. H. C. Whitehead way*, Exposition. Math. **6** (1988), 97–110.
- [E-S] G. J. Ellis and R. Steiner, *Higher-dimensional crossed modules and the homotopy groups of $(n+1)$ -ads*, J. Pure Appl. Algebra **46** (1987), 117–136.
- [L] J. L. Loday, *Spaces with finitely many non-trivial homotopy groups*, J. Pure Appl. Algebra **24** (1982), 179–202.
- [Lu] A. S.-T. Lue, *Cohomology of groups relative to a variety*, J. Algebra **69** (1981), 155–174.
- [M-W] S. Mac Lane and J. H. C. Whitehead, *On the 3-type of a complex*, Proc. Nat. Acad. Sci. U.S.A. **36** (1950), 41–48.
- [P] T. Porter, *Extensions, crossed modules and internal categories in categories of groups with operations*, Proc. Edinburgh Math. Soc. **30** (1987), 373–381.
- [W 1] J. H. C. Whitehead, *On adding relations to homotopy groups*, Ann. of Math. **42** (1941), 409–428.
- [W 2] —, *Note on a previous paper entitled “On adding relations to homotopy groups”*, Ann. of Math. **47** (1946), 806–810.
- [W 3] —, *Combinatorial homotopy I*, Bull. Amer. Math. Soc. **55** (1949), 213–245.
- [W 4] —, *Combinatorial homotopy II*, Bull. Amer. Math. Soc. **55** (1949), 453–496.
- [W 5] —, *Simple homotopy types*, Amer. J. Math. **72** (1950), 1–57.
- [W 6] —, *A certain exact sequence*, Ann. of Math. **52** (1950), 51–110.
- [W 7] —, *Algebraic homotopy theory*, Proc. Int. Congress of Mathematicians, Harvard, American Mathematical Society, Providence, Rhode Island, 1952, pp. 354–357.

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Andreotti-Grauert theory by integral formulas, by Gennadi M. Henkin and Jürgen Leiterer. Progress in Mathematics, vol. 74, Birkhäuser, Boston, Basel, Berlin, 1988, 270 pp., \$44.90. ISBN 0-8176-3413-4

Experts in multidimensional complex analysis will find the title of this monograph sufficiently informative, but most other mathematicians will probably feel lost, and perhaps not bother to look closer at this book. That would be regrettable, because what is before us is the first attempt to make accessible to a wider audience the deep work of A. Andreotti and H. Grauert published in