

grams and algebraic theory is completely lacking. But the algebra *is* elegant and polished, and one hopes that one day Eilenberg and Elgot will give us the book promised in their preface.

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Piecewise Linear Topology, by J. F. P. Hudson, Benjamin, New York, 1969.

This volume consists of lecture notes from a course given by Professor Hudson at the University of Chicago in 1966–1967. His intent is “to develop PL theory from basic principles . . .”. There are not many methods available in piecewise linear topology which are “elementary” in the sense that they do not use bundle theories; and as applied to manifolds these methods seem by now to have been pushed to their limits. Hudson has not proved the strongest theorems possible, but he has demonstrated thoroughly these elementary methods and their use. His treatment draws heavily on Zeeman’s