

60 [9.10].—MORRIS NEWMAN, *The Number of Partitions into Primes*, National Bureau of Standards, November 1969. Nine pages of computer output deposited in the UMT file.

To test a new set of subroutines with an interesting problem, the author extends the function called  $q(n)$  in the recent table of Chawla and Shad [1]. They computed  $q(n)$  for  $n$  to 150, but earlier O. P. Gupta and S. Luthra had computed  $q(n)$  for  $n = 1(1)300$ . The latter table gave

$$(1) \qquad q(300) = 62737270.$$

The present table lists  $q(n)$  for  $n = 1(1)500$ . It confirms (1) and continues to

$$q(500) = 414270104287.$$

The computation required only 30 seconds on a UNIVAC 1108.

Since  $p(500)$  is approximately  $2.3 \cdot 10^{21}$ , the ratio  $\log q(500)/\log p(500)$  is down to 0.5438 here—see the discussion in the review of [1].

D. S.

1. *Math. Comp.*, v. 24, 1970, p. 490, RMT 38.

61 [12].—DON SECREST & JURG NIEVERGELT, Editors, *Emerging Concepts in Computer Graphics*, W. A. Benjamin, Inc., New York, 1968, ix + 418 pp., 24 cm. Price \$20.00.

The book consists of a compilation of 16 of the total of 19 papers presented at the Conference on Emerging Concepts in Computer Graphics at the University of Illinois in November 1967.

This reviewer was especially impressed by the paper of K. C. Knowlton, entitled "Computer-Animated Movies." It is liberally illustrated with excellent figures; in addition, it contains a comprehensive list of references, and a detailed description of various uses of computer-produced movies.

Perhaps the editorial shortcomings afflicting so many of the other papers can be explained by a note from the publisher, facing the title page. Therein we find the statements: "This volume was printed directly from a typescript prepared by the editors, who take full responsibility for its content and appearance. The Publisher has not performed his usual functions of reviewing, editing, typesetting, and proof-reading the material prior to publication. The Publisher fully endorses this informal and quick method of publishing conference proceedings, and he wishes to thank the editors for preparing the material for publication."

In the light of these remarks of the publisher and the specialized contents of the book, the reviewer found the description on the dust jacket inaccurate and misleading. For example, the book does not appear to be in any sense an "indispensable guide," nor does it "delineate the basic problems" of computer graphics. Indeed, it is neither a textbook nor a handbook; it is merely the proceedings of a conference.

Some of the conference presentations have necessarily suffered in the process of being transcribed into the book. For example, films accompanied the presentations