of each chapter are however exceptionally detailed and one could spend many a long hour following up these.

What I am now eager to read is the next instalment where the authors assume the knowledge I have and get down to tell me something concrete. I am sure that their work is interesting and useful. I wish I had been told more about it.

KEITH TIZZARD

Security and Privacy in Computer Systems.

LANCE J. HOFFMAN (Editor).

Melville Publishing Company, Los Angeles, 1973. 422 *pp.* £8·45.

The aspects of security and privacy in computer systems are receiving greater attention now that computers are having an increasing impact on society. The number of computer applications involving files of personal data or the control of industrial and commercial operations, for example, is growing; so is the ease with which files may be interrogated via on-line terminals. Consequently, the management scientist should be aware of the potential problems and of the technical and administrative methods for increasing security and privacy on a cost-effectiveness basis.

Security may be defined as the protection of data against deliberate or accidental destruction and unauthorised access or modification. Privacy is the right of an individual to determine for himself what personal information to share with others, as well as what information to receive from others.

This book is a collection of recent articles and technical papers and is an important addition to the published work in this field. Apart from an interesting non-technical opening section (Civil Liberties Threats), the material is intended for someone with a good working knowledge of computer programming and some knowledge of computer operating systems. It is not, therefore, recommended for a reader who simply requires an appreciation of security and privacy but will be very useful for someone who has to design a computer system involving confidential data.

There are sections about Threats and Countermeasures, Privacy Transformations, Models for Secure Systems, Statistical Data Banks, Hardware and Security in Existing Systems. A useful ten-page checklist for security is included and there are many references to related articles and books.

J. A. T. PRITCHARD

Organization and Management of Information Processing Systems.

LEON K. ALBRECHT.

Collier–Macmillan, 1973. 383 *pp.* £5·95.

This is a book designed, according to its Preface, for Business Executives, Students and Systems Managers. It is constructed in three parts dealing with a