

24[12].—T. D. STERLING & S. V. POLLACK, *Computing and Computer Science, A First Course with PL/I*, The Macmillan Co., New York, 1970, xvi + 414 pp., 24 cm. Price \$9.95.

This attractively bound hard cover book is quite suited to a basic course in computer science, though not to a course in PL/I programming which, for all the unsuspecting reader is aware, might be the subject of the book. However, it is a systematic treatment of the basic ideas including numbers, Turing machines, algorithms, etc. In fact, for the first seven chapters, no mention of PL/I is made at all. The eighth chapter quickly goes through the basic repertoire of PL/I, followed in the next three chapters by a treatment of the remainder of the repertoire. In the few instances where a complete PL/I segment is shown, key PL/I words are shown in one kind of type while the remainder are printed in bigger type, making for an unusual appearance although the purpose is quite clear.

The rest of the book is an analysis of metalanguages and more complex topics of computer science. Except for the chapters explaining the repertoire of PL/I, the text is absolutely identical to its companion book of the series "A First Course with Fortran IV", written by the same authors.

HENRY MULLISH

Courant Institute of Mathematical Sciences
New York University
New York, New York 10012

25[12].—T. D. STERLING & S. V. POLLACK, *Computing and Computer Science, A First Course with Fortran IV*, The Macmillan Co., New York, 1970, xvi + 398 pp., 24 cm. Price \$9.95.

This attractively bound hard cover book is quite suited to a basic course in computer science, though not to a course in Fortran IV programming which, for all the unsuspecting reader is aware, might be the subject of the book. However, it is a systematic treatment of the basic ideas including binary numbers, Turing machines, algorithms, etc. In fact, for the first seven chapters, no mention of Fortran is made at all. The eighth chapter quickly goes through the basic repertoire of Fortran IV, followed in the next three chapters by a treatment of the remainder of the repertoire. In the few instances where a complete Fortran IV segment is shown, key Fortran words are shown in one kind of type while the remainder are printed in bigger type, making for an unusual appearance although the purpose is quite clear.

The rest of the book is an analysis of metalanguages and more complex topics of computer science. Except for the chapters explaining the repertoire of Fortran IV, the text is absolutely identical to its companion book of the series "A First Course with PL/I", written by the same authors.

HENRY MULLISH