of Jordan algebras will be found in the forthcoming book by Jacob-
son."

A final chapter presents some results on power-associative algebras.
This class of algebras includes the Jordan and alternative algebras
studied before.

As for the level of the presentation the author says: "I expect that
any reader will be acquainted with the content of a beginning course
in abstract algebra and linear algebra. Portions of six somewhat more
advanced books are recommended for background reading, and at
appropriate places reference is made to these books for results con-
cerning quadratic forms, fields, associative algebras, and Lie alge-
bras." The list of books is very good, but the portions which afford
background material are in any case small and in some instances nil
for the author only needs particular results mentioned there. The
reader can forget this, for in the text reference is made to the page
which, if need be, should be consulted. We think that the demands
of the book for the conscientious reader come rather from the amount
of identities which have to be established and the number of clever
substitutions in, and manipulations of these identities. This seems
unavoidable at the present state of the theory and we hope that this
book will contribute to the finding of new results and more stream-
lined proofs.

The author seems to have been very careful in the preparation of
the book. In spite of the amount of subindices and hundreds of equa-
tions which it includes, we have found only a couple of inessential
misprints.

In our opinion the bibliography would have been more useful if
at the end of each chapter there were an indication of the items which,
besides the ones cited in the text, are connected with its content.
This is only a very small objection to a book which contains very
interesting results not available in other books; written in a plain and
clear style it reads very smoothly if one is ready to skip the details
of the proofs and the computations.

MARIA J. WONENBURGER

Noncommutative rings, by I. N. Herstein. The Carus Mathematical
   Monographs, no. 15, Mathematical Association of America, 1968.
   xi+199 pp. $6.00.

This very beautiful book is the result of the author's wide and deep
knowledge of the subject-matter combined with his gift for exposi-
tion.

The well-selected material is offered in an integrated presentation