amount of space is devoted in the present volume are theory
of aggregates (12 pages) and integral equations with appli-
cations (8 pages). The contributions dealing with these two
subjects are due to G. Hessenberg and O. Toeplitz respectively.
The article on Fermat's last theorem (6 pages) is due to A.
Fleck. This article was suggested by H. A. Schwarz, and
should be especially welcome to editors of journals in view of
the fact that many papers on this subject are now being offered
for publication by authors who are not familiar with the
literature.

While the number of references is not relatively as large
as one would expect in a larger encyclopedia, yet this number
is considerable, and sufficient to exhibit to the general reader
the fact that rapid advances are being made, since many of
the references are to the works of men who are still living.
Such small books are extremely useful to secure a more rapid
dissemination of important new knowledge and thus to secure
for scientific workers a more general recognition. It seems
unfortunate that we do not have a similar work in English.
Possibly the success of this series may encourage some English
publisher to fill the gap which is as serious with us as it was in
Germany before the appearance of the first volume of this
Taschenbuch.

G. A. MILLER.

Introduction a la Théorie des Nombres algébriques. By
J. SOMMER, translated from the German by A. LEVY, with
a Preface by J. HADAMARD. Paris, A. Hermann et Fils,
1911. x + 376 pp.

SOMMER's "Vorlesungen über Zahlentheorie," which was
published in 1907, was the first book to present in form really
available to the beginner, the elements of the theory of alge-
braic numbers as developed by Kummer, Dedekind, and
Hilbert. By devoting the greater part of his book to quadratic
and cubic number realms, with applications to other branches
of mathematics, Sommer rendered a real service to students
who wish to become acquainted with this beautiful theory.
The German edition has already been reviewed by Professor
Ling,* whose favorable opinion has been borne out by the
appearance of the French translation within four years of the
publication of the original.

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* Ling, BULLETIN, vol. 13, No. 3, December 1907.