THE PRINCIPLES

OF

ELEMENTARY ALGEBRA,

BY

NATHAN F. DUPUIS, M.A., F.R.S.C.,

Professor of Pure Mathematics in the University of Queen's College, Kingston, Canada.

12mo. \$1.10.

FROM THE AUTHOR'S PREFACE.

The whole covers pretty well the whole range of elementary algebraic subjects, and in the treatment of these subjects fundamental principles and clear ideas are considered as of more importance than mere mechanical processes. The treatment, especially in the higher parts, is not exhaustive; but it is hoped that the treatment is sufficiently full to enable the reader who has mastered the work as here presented; to take any with profit special treatises noon the various subjects.

up with profit special treatises npon the various subjects. Much prominence is given to the formal laws of Algebra and to the subject of factoring, and the theory of the solution of the quadratic and other equations is deduced from the principles of factorization.

OPINIONS OF TEACHERS.

"It approaches more nearly the ideal Algebra than any other textbook on the subject I am acquainted with. It is up to the time, and iays stress on those points that are especially important." — PROF. W. P. DURFER, Hobart College, N.Y.

"It is certainly well and clearly written, and I can see great advantage from the early use of the Sigma Notation, Synthetic Division, the Graphical Determinants, and other features of the work. The topics seem to me set in the proper proportion, and the examples a good selection." — PROF. E. P. THOMPSON, Westminster College, Pa.

"I regard this as a very valuable contribution to our educational literature. The anthor has attempted to evoive, logically, and in all its generality, the science of Algebra from a few elementary principles (incinding that of the permanence of equivalent forms); and in this I think he has succeeded. I commend the work to all teachers of Algebra as a science." — PROF. C. H. JUDSON, Furman University, S.C.

THE MACMILLAN COMPANY, 66 FIFTH AVENUE, NEW YORK.