NOTES

The following one hundred doctorates, with mathematics or mathematical physics as a major subject, were conferred during 1941 in universities in the United States and Canada; the major subject is mathematics unless otherwise specified. The university, month in which the degree was conferred, minor subject (other than mathematics), and the title of the dissertation are given in each case if available.

J. C. Abbott, Notre Dame, August, *The projective theory of non-euclidean geometry*.

R. L. Anderson, Iowa State, June, minors in statistics and economics, *Serial correlation in the analysis of time series*.

Elizabeth S. Arnold, California (Berkeley), December, *On certain projective properties of the configurations of m general hyperplanes in hyperspace*.

K. J. Arnold, Massachusetts Institute of Technology, June, minor in economics, *On spherical probability distributions*.

J. D. Bankier, Rice, June, *Arithmetical continued fractions*.

C. B. Barker, California (Berkeley), December, *The Lagrange multiplier rule for two dependent and two independent variables*.

J. H. Bell, Wisconsin, March, *Topics related to the factorization of matrices*.

T. J. Benac, Yale, June, *The associativity condition for linear associative algebras*.

W. D. Berg, Iowa, August, *Theorems on certain type-A difference-equation graduations*.

F. C. Biesele, Texas, June, *Substitutes for the commutative law in the theory of semi-groups*.

D. H. Blackwell, Illinois, June, minor in physics, *Some properties of Markhoff chains*.

E. E. Blanche, Illinois, June, major in statistics, minor in economics, *A systematic analysis of frequency distributions by the Edgeworth method*.

E. L. Buell, Massachusetts Institute of Technology, June, minor in