

NOTES

The following two hundred and thirty-seven doctorates, with mathematics, mathematical physics, or statistics as a major subject, were conferred during 1953 in universities in the United States and Canada. The university, month in which degree was conferred, minor subjects (other than mathematics), and title of the dissertation are given in each case if available.

Juliàn Adem, Brown, June, *On the axially-symmetric steady wave propagation in elastic circular rods.*

O. P. Aggarwal, Stanford, June, *Bayes and minimax procedures in sampling from finite populations.*

Bernard Altschuler, New York, February, *Nonlinear buckling of a spherical shell.*

V. L. Anderson, Iowa State, June, *A model for the study of quantitative inheritance.*

F. C. Andrews, California, Berkeley, September, *Asymptotic behavior of some rank tests for analysis of variance.*

Robert Baer, Illinois, October, minor in physics, *Strong ordering in self adjoint operator space.*

R. B. Barrar, Michigan, February, *Some estimates for the solutions of linear parabolic equations.*

J. D. Baum, Yale, June, *Asymptoticity in topological dynamics.*

Jack Bazer, New York, February, *Propagation of plane electromagnetic waves past a shore line.*

V. N. Behrns, Buffalo, June, *Some mathematical aspects of operations research.*

C. B. Bell, Jr., Notre Dame, August, *Structure of measure spaces.*

J. S. Bendat, Southern California, August, *On monotone and convex operator functions.*

S. E. Benesch, Illinois, June, minor in physics, *Theory of nonlinear integral equations with complex-valued singular kernels.*

Paul Berg, New York, June, *On cavitation flow of gases.*

Jerome Berkowitz, New York, June, *Spectral theory of singular differential operators.*

Kurt Bing, Harvard, March, *Definability in the theories of integers and of natural numbers.*

J. F. Blackburn, North Carolina, August, *Steady state temperature distribution between solids and gases under nonlinear boundary conditions.*

R. B. Blake, Florida, January, minor in physics, *The solution of*