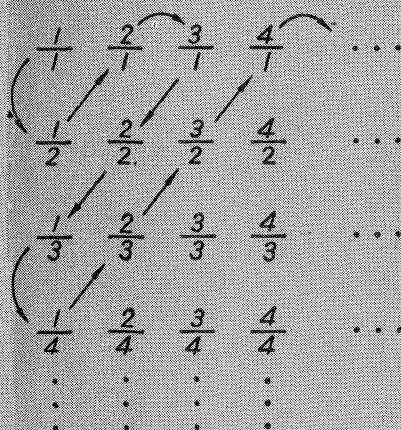


Pacific Journal of Mathematics



CONTENTS

- R. G. Buschman, *A substitution theorem for the Laplace transformation and its generalization to transformations with symmetric kernel*.....1529
- S. D. Conte, *Numerical solution of vibration problems in two space variables*1535
- Paul Dedecker, *A property of differential forms in the calculus of variations*1545
- H. Delange and H. Halberstam, *A note on additive functions*.1551
- J. L. Ericksen, *Characteristic direction for equations of motion of non-newtonian fluids*1557
- Avner Friedman, *On two theorems of Phragmén-Lindelöf for linear elliptic and parabolic differential equations of the second order*.....1563
- R. K. Gettoor, *Additive functionals of a Markov process*1577
- U. C. Guha, (γ, k) -Summability of series1593
- Alvin Hausner, *The tauberian theorem for group algebras of vector-valued functions*1603
- L. J. Heider, *T-sets and abstract (L)-spaces*.....1611
- Melvin Henriksen, *Some remarks on a paper of Aronszajn and Panitchpakdi*1619
- H. M. Lieberstein, *On the generalized radiation problem of A. Weinstein*1623
- Robert Osserman, *On the inequality $\Delta u \geq f(u)$*1641
- C. R. Putnam, *On semi-normal operators*.....1649
- Binyamin Schwarz, *Bounds for the principal frequency of the nonhomogeneous membrane and for the generalized dirichlet integral*.....1653
- E. Silverman, *Morrey's representation theorem for surfaces in metric spaces*1677
- V. N. Singh, *Certain generalized hypergeometric identities of the Rogers-Ramanujan type (II)*1691
- R. J. Smith, *A determinant in continuous rings*1701
- Drury W. Wall, *Sub-quasigroups of finite quasigroups*1711
- Sadayuki Yamamuro, *Monotone completeness of normed semi-ordered linear spaces*1715