

The following papers have been accepted for publication and will appear shortly:

- COHAN, NORAH. The spherical harmonics with the symmetry of the icosahedral group.
- ADAMS, J. F. An example in homotopy theory.
- TUKEY, JOHN W. Antithesis or regression?
- MAULDON, J. G. On non-dissipative Markov chains.
- FULLER, A. T. Stability criteria for linear systems and realizability criteria for RC networks.
- CODE, R. The charge density near a sharp point on a conductor.
- POLKINGHORNE, J. C. On the Yang-Feldman formalism.
- ELCOCK, E. W. The cooperative behaviour of a two-dimensional defect crystal.
- MOLINER, F. GARCIA and SIMONS, S. An extension of the general variational principle of transport theory.
- MUSGROVE, M. J. P. On whether elastic waves possess cuspidal edges.
- BESICOVITCH, A. S. On homoeomorphism of perfect plane sets.
- BARTHOLOMEUSZ, E. F. The reflexion of long waves at a step.
- BURKILL, J. C. An integral for distributions.
- ZEEMAN, E. C. The lack of universal coefficient theorems for spectral sequences.
- MORAN, P. A. P. Random processes in genetics.
- SCIAMA, D. W. On a non-symmetric theory of the pure gravitational field.
- DVORETZKY, A., ERDŐS, P., KAKUTANI, S. and TAYLOR, S. J. Triple points of Brownian paths in 3-space.

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LOTHAR GEITLER. Die sexuelle Fortpflanzung der pennaten Diatomeen.

C. R. AUSTIN & M. W. H. BISHOP. Fertilization in mammals.

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