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

LEVINE, S. On the interaction of colloidal particles. IV and V.

AFRIAT, S. N. The quadratic forms positive over a linear manifold.

BESICOVITCH, A. S. A problem on topological transformations of the plane.

BARTLETT, M. S. and KENDALL, D. G. On the use of the characteristic functional in the analysis of some stochastic processes occurring in physics and biology.

NOBLE, M. E. Extensions and applications of a Tauberian theorem due to Valiron.

CASSELS, J. W. S. An extension of the law of the iterated logarithm.

KURSONOGLU, B. Space-time on the rotating disk.

DAVIES, D. R. A note on Rayleigh's problem for a plate of finite width.

FRIEDLANDER, F. G. On the recurrent solutions of a class of non-linear differential equations.

FOSTER, F. G. Markoff chains with an enumerable number of states and a class of cascade processes.

CASSELS, J. W. S. Some metrical theorems on Diophantine approximation. V. On a conjecture of Mahler.

WEITZENBÖCK, R. W. On the line-comitants of a space cubic.

STEWART, R. W. Triple velocity correlations in isotropic turbulence.

BARTLETT, M. S. The frequency goodness-of-fit test for probability chains.

GILLOCH, J. M. and McCREA, W. H. The relativistic mass of a rotating cylinder.

DRAZIN, M. P. The general motion of a sphere in a viscous liquid.

CHALK, J. H. H. and ROGERS, C. A. On the product of three homogeneous linear forms.

GILL, S. A process for the step-by-step integration of differential equations in an automatic digital computing machine.

PROUDMAN, I. A comparison of Heisenberg's spectrum of turbulence with experiment.

REUTER, G. E. H. A boundedness theorem for non-linear differential equations of the second order.

GARSTANG, R. H. Self-consistent field, with exchange, for Ne III.

CLARKE, L. E. On the product of three non-homogeneous linear forms.

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