

Fluid-mechanical aspects in vapour-deposition processes, by W. P. A. Joosen,  
 Optimal control problems in radiation and scattering, by R. E. Kleinman,  
 Vorticity in two-fluid hydrodynamics, by J. A. Geurst,  
 Wave radiation from slender bodies, by J. N. Newman,  
 Ship motions in large waves, by N. Salvesen,  
 The intriguing phenomenon of soil behaviour, by H. S. Rutten,  
 On the mechanics of Cosserat surfaces, by J. H. McCarthy,  
 End effects in slender-ship theory, by T. F. Ogilvie,  
 Free-streamline theory—application to propeller cavitation, by L. Noordzij,  
 The asymptotic approach to the theory of lifting surfaces, by T. van Holten,  
 External force moving in an inviscid and incompressible fluid, by J. A. Sparenberg.

## **Forthcoming papers**

The following papers have been accepted for publication in the *Journal of Engineering Mathematics*:

1. One-dimensional plastic materials with work-hardening, parts I & II, by T. Tokuoka.
2. The virtual mass of a closed torus in axisymmetric motion, by T. Miloh.
3. Separation from a smooth surface in a slender conical flow, by N. Riley.
4. Wave trapping with shore absorption, by R. E. Meyer and J. F. Painter.
5. A note on yawed slender wings, by E. O. Tuck.
6. Cauchy-type integrals and integral equations with logarithmic singularities, by P. S. Theocaris, A. C. Chrysakis and N. I. Ioakimidis.
7. Computation of electromagnetic fields scattered by a cylindrical inhomogeneity in a homogeneous medium of infinite extent, by G. Mur.
8. Filtering of non-linear instabilities, by P. K. Khosla and S. G. Rubin.
9. Hydrodynamic pressure on an accelerating dam and criteria for cavitation, by A. T. Chwang.
10. Rotating flow in a cylinder with a circular barrier on the bottom, by G. J. F. van Heijst.
11. Analytical and numerical results for the non-stationary rotating disk flow, by H. Schippers.