<u>68</u>0

ISSN 0022-1120

Journal of Fluid Mechanics

1	
1	Plunging cavities C. Clanet
5	The impact of a translating plunging jet on a pool of the same liquid
21	R. Gómez-Ledesma, K. T. Kiger & J. H. Duncan
51	I. L. Moran & J. D. Posner
67	Four-dimensional turbulence in a plane channel
	N. Nikitin
S 80	Stabilization of gas-fluidized beds of magnetic powders by a cross-flow magnetic field
114	Collective oscillations in hubble clouds
	Z. Zeravcic, D. Lohse & W. van Saarloos
150	Steady flow in a rapidly rotating sphere with weak precession
104	S. Kida
194	H. Fouli & D. Z. Zhu
225	Propagation of wrinkled turbulent flames in the context of hydrodynamic theory
	F. Creta & M. Matalon
265	Tank-treading as a means of propulsion in viscous shear flows
287	Turbulence_flame interactions in lean premixed hydrogen: transition to the distributed burning regime
207	A. J. Aspden, M. S. Day & J. B. Bell
321	Exact tensor closures for the three-dimensional Jeffery's equation
226	S. Montgomery-Smith, W. He, D. A. Jack & D. E. Smith
550	K. Naderi & T. Babadagli
361	Simulation of flow across a row of transversely oscillating square cylinders
	C. M. Sewatkar, A. Sharma & A. Agrawal
398	Viscous effects on Kelvin–Helmholtz instability in a channel H Kim I C Padrino & D D Joseph
417	Freely decaying, homogeneous turbulence generated by multi-scale grids
	PÅ. Krogstad & P. A. Davidson
435	Deep-water sediment wave formation: linear stability analysis of coupled flow/bed interaction
459	Influence of slip on the flow past superhydrophobic circular cylinders
	P. Muralidhar, N. Ferrer, R. Daniello & J. P. Rothstein
477	Liquid spreading on superhydrophilic micropillar arrays
100	S. J. Kim, MW. Moon, KR. Lee, DY. Lee, Y. S. Chang & HY. Kim
400	and without filtering
	B. Ray & L. R. Collins
511	Modelling nonlinear thermoacoustic instability in an electrically heated Rijke tube
524	S. Mariappan & R. I. Sujith
334	S. Pirozzoli, M. Bernardini & P. Orlandi
564	Straight-sided solutions to classical and modified plume flux equations
	N. B. Kaye & M. M. Scase
574	Fokker–Planck model for computational studies of monatomic rarefied gas flows
S 602	The spatial distribution of gyrotactic swimming micro-organisms in laminar flow fields
	R. N. Bearon, A. L. Hazel & G. J. Thorn
636	Flow adjustment and interior flow associated with a rectangular porous obstruction
660	J. I. Kominger & H. M. Nepi Rubble entropment during sphere impact onto quiescent liquid surfaces
000	J. O. Marston, I. U. Vakarelski & S. T. Thoroddsen

S indicates supplementary data or movies available online.

Cambridge Journals Online For further information about this journal please go to the journal web site at journals.cambridge.org/flm



