	doc 1		doc 2		decision	id
cases		Peter Hall	authors	• Hall, P.		
	authors		title	On the stability of the unsteady boundary layer on a cylinder oscillating transversely in a viscous fluid		
	title	On the stability of the unsteady boundary layer on a cylinder oscillating transversely in a viscous fluid	publication_date			
	publication_date	ıblication_date 1984-09-01 00:00:00		SupportedSources.CORE		
	source	SupportedSources.OPENALEX	journal		NOT DUPLICATES 453	
	journal	Journal of Fluid Mechanics	volume			
	volume	146	doi	None		
	doi	10.1017/s0022112084001907	urls	https://core.ac.uk/download/pdf/42850929.pdf		
		 https://openalex.org/W2970313046 https://doi.org/10.1017/s0022112084001907 	id	id-8830880977266301529		
	urls	• https://ntrs.nasa.gov/api/citations/19840002431/downloads/19840002431.pd	abstract	The stability of the two-dimensional flow induced by the tranverse oscillation of a cylinder in a viscous fluid is investigated in both the linear and weakly nonlinear regime. The major assumption that is made to simplify the problem is that the oscillation frequency is large in which case an unsteady boundary layer is set up on the cylinder. Results are given for cylinders of elliptic		
	id	id-6354240527851745473		cross section and it is found that for any given eccentricity the most dangerous configuration is when the cylinder oscillates parallel to its minor axis. Some discussion of nonlinear effects is also given and for the circular cylinder it is shown that the steady streaming boundary layer of the basic flow is significantly altered by the instability		
	abstract					
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