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ON CAVITATION RADIAL AND-HYDRODYNAMIC F~ J F~ Components Of The Lateral Force On The Impeller Normal To And Tangential To The Whirl Orbit, Averaged Over The Orbit, Non-dimensionalized By $\frac{2}{\rho} \frac{P_{nw}}{R} \frac{B}{E} \frac{2}{2} \frac{F_N}{FN} = (A_x + A_{yy})/2$ FT = $(-A_{xy} * A_{yx})/2$ P1 'Ptl Upstream Static, Total Pressure P2 'Pt2 Downstream Static, Total Pressure % Static Ppressure At Impeller Inlet, Ptl - P(91 2/2 May 1th, 2024NMR Measurements And Hydrodynamic Simulations Of Phase ...Position (z) And Vibration Phase (characterized By Time T After The Trigger Pulse). The Pulse Sequence Developed For This Study Is Described By Mantle Et Al (in Press). We Chose Here The Vertical Velocity Component (vz) Since The Granular Temperature Is Normally ... Jul 3th, 2024Hydrodynamic Fluctuations And Stokes' Law FrictionThe Stress Tensor Away From The Value It Takes On When The Fluid Is In Local Thermodynamic Equilibrium (i.e., The Deviation From The Usual Navier-Stokes Stress Tensor). In The Language Of Brownian Motion Theory, Eq (5) May Be Regarded As A Langevin Equation. The Di ... Jan 3th, 2024.

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