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to design and analyze practical fluid flow systems taking a problem solving approach the text ties theory to the real devices and systems used in a range of engineering fields this is a very straightforward lab manual for 10 fluid mechanics experiments there is clear explanation for each experiment contains summary of the experiments objective theory behind the test followed with clear equations for what should be read more fluid is a substance that does not possess a definite shape and easily yields to external pressure fluid is any liquid or gas or any material that is unable to withstand a shearing or tangential force when at rest when the said forces are applied to the fluid it goes through a continuous change in shape passive blowing strategy to enhance aerodynamic performance and noise of a hollow bladed axial fan an experimental study in fluid mechanics fluid is defined on the basis of its behaviour under the application of external forces a solid when subjected to a shearing force deforms until the internal shear resistance equals the externally applied stress

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fluid is a substance that does not possess a definite shape and easily yields to external pressure fluid is any liquid or gas or any material that is unable to withstand a shearing or tangential force when at rest when the said forces are applied to the fluid it goes through a continuous change in shape

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