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fluids mechanics is an important part of most mechanical systems its knowledge will give you the holistic understanding in general it is about how we get the work done by providing energy to the fluids or how we convert fluid energy into other forms of energy

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this article summarizes equations in the theory of fluid mechanics definitions flux  $f$  through a surface  $d s$  is the differential vector area element  $n$  is the unit normal to the surface left no flux passes in the surface the maximum amount flows normal to the surface

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08 2022 the theory is explained using ordinary and accessible language where fluid mechanics is presented in analogy to solid mechanics to emphasize that they are all the application of newtonian mechanics and thermodynamics

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