Download Curl And Divergence

Section 6-1 : Curl and Divergence. Before we can get into surface integrals we need to get some introductory material out of the way. That is the purpose of the first two sections of this chapter.????? ?? ????? ??? ??? ??? ??? ???? ??? ???. ??? ??????? ??? ??? ?? Gradient, Divergence, Curl??. ??? ????? ??????? ?? ????..In another case, consider that there is a leakage in the pipe. Hence the mass flow rate decreases as it flows. This change in the flow rate through the pipe, whether it increases or decreases, is called as divergence.In vector calculus, divergence is a vector operator that produces a scalar field, giving the quantity of a vector field's source at each point. More technically, the divergence represents the volume density of the outward flux of a vector field from an infinitesimal volume around a given point.