

# Download Turbulent Mixing In Nonreactive And Reactive Flows 1st Edition Reprint

Turbulence, mixing and the mutual interaction of turbulence and chemistry continue to remain perplexing and impregnable in the frontiers of fluid mechanics. The past ten years have brought enormous advances in computers and computational techniques on the one hand and in measurements and data... Abstract. A short review is presented on turbulent mixing of shear flows involving ordinary and chemically reactive fluids. The two aspects of advances in this area are (i) modelling of mixing layers (including statistical continuum theories) and (ii) elucidation of the structure of mixing processes (especially the strong, coherent large scale structure).