





Introduction to Diffusion and Mass Transfer in Mixtures		
Diffusion		$\sum_{i=1}^{n}$
 Is the mixing process caused by random molecular motion. Is part of scientific inquiry (explains how nature works) 	Diffusion/ mass transfer concerns the	t = 0
Mass Transfer	physics of mixtures .	
 Encompasses all mass-transfer mechanism and any issues of mixed physics Controls the cost of processes like chemical purification and environmental control Is <i>practical</i> (is basic to the engineering of chemical processes) 	ns al	t = 24h
References: E. L. Cussler, Diffusion: Mass Transfer in Fluid Systems, 3 rd edition, University Press, 2016. R. B. Bird, W. E. Stewart, E. N. Lightfoot, Transport Phenomena, 2 nd J. R. Welty, G. L. Rorrer, and D. G. Foster, Fundamentals of Moment Mass Transfer, 6 th edition, 2015.	Cambridge edition, 2002. <i>tum, Heat and</i> © Faith A. Morriso	$t = \infty$ n, Michigan Tech U.







































































