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FUELS AND COMBUSTION 3.1 Introduction To Combustion

87 The Total Number Of Moles, N, Is The Sum Of The Number Of Moles Of All The Components Of The Mixture: N=N1+N2+... It Follows That The Sum Of All The Mole Fractions Of The Mixture Must Also Equal 1. X1+X2+...=1 The Mass Of Component I In A Mixture Is The Product Of The Number Of Moles Of I And Its Molecular Weight, Mi.The Mass Of The Mixture Is Therefore The Sum, M=N1M1+N2M2+1th, 2024

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Expenditure. Passive Techniques Include Geometric Shaping To Manipulate The Pressure Gradient, The Use Of Fixed Mechanical Vortex Generators For Separation Control, And Placement Of Longitudinal Grooves Or Riblets On A Surface To Reduce Drag. Recent Reviews Of Passive Flow Control Include Bushnell And Hefner (1990) And Gad-el-Hak, Et Al. (1998). 2th, 2024

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