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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, N = N1M1 + N2M2 + Apr 11th, 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). Jan 12th, 2024

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