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Example 9-4. Absorption Of SO₂ The Molar Density Of The Feed Gas May Be Determined From The Formula $(\text{mol/L}) = 12.2P(\text{atm})T^{-1}(\text{K})$ Where P And T Are The Absolute Pressure And Temperature Of The Gas. The Following Data Are Taken For The Feed Gas: T=750F, P=150 Psig, H=210 Mm, R=82.4 And For The Outlet Gas, R=11.6. Determine The (a) Mass Fraction Of SO
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Ash Drum, The Size Of The Drum And The Liquid And Vapor Compositions And Ow Rates. Which Of These Variables Are Speci Ed And Which Need To Be Chosen Depend On The Application
2. Normally, The Feed Is Speci Ed, Ie. The Ow Rate F, Composition Z, Pressure P F And Enthalpy H F Are Known
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