



 $\frac{df}{dt} \underbrace{\epsilon_{rmn}} \underbrace{x_m \, v_n \, \varrho \, dV} = \underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, t_n \, dS} + \underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, b_m \, dV}$ $\underbrace{\int \epsilon_{rmn}} \underbrace{\varrho \, \frac{D(x_m \, v_n)}{Dt} \, dV} = \underbrace{\int \varrho \, \epsilon_{rmn}} \underbrace{v_n \, \frac{D\, v_n}{Dt} \, dV} + \underbrace{\int \varrho \, \epsilon_{rmn}} \underbrace{x_m \, \frac{D\, v_n}{Dt} \, dV}$ $\underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, t_n \, dS} = \underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, \sigma_{jn} \, n_j \, dS} = \underbrace{\int \epsilon_{rmn}} \underbrace{\epsilon_{rmn}} \underbrace{x_m \, \frac{D\, v_n}{Dt} \, dV}$ $\underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, t_n \, dS} = \underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, \sigma_{jn} \, n_j \, dS} = \underbrace{\int \epsilon_{rmn}} \underbrace{x_m \, \frac{2\, \sigma_{jn}}{2\, x_j} \, dV}$ $\underbrace{\int \varrho \, \epsilon_{rmn}} \underbrace{x_m \, \frac{D\, v_n}{Dt} \, dV} = \underbrace{\int \epsilon_{rmn}} \underbrace{\sigma_{jn} \, \frac{2\, \sigma_{jn}}{2\, x_j} \, dV} + \underbrace{\int \epsilon_{rmn}} \underbrace{\sigma_{mn}} \underbrace{\sigma_{$