

[Notebook page scanned on 2018/05/01]

This is why the spherical part of the stress, denoted by -pI, enters explicitly the general characterization of the stress $= \hat{T}(F) - pI + T$ The dissipative stress T + is subject to the dissipation inequality Tt. VN 20 which can possibly be fulfilled by choosing TT = 2 n sym Tv Should the material be compressible even the spherical part of the stress will be delivered by the rate of change of the strain energy as a response function.

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