Tuesday, 26 April 2022 08:20
$A_{ijuc}^{CC} = \int_{\mathcal{A}} \mathbb{E}\left[\mathbb{E}\left[\mathbb{E}\left(\Delta\mathbb{E}^{T}\mathbb{E}\right)\right] : \delta\mathbb{E} dV$
$= \int_{\Omega} \frac{F}{F} \left( \sum_{i=1}^{n} \left( \sum_{i=1}^{n} \frac{F}{F} \right)_{ij} \right) \cdot \int_{\Omega} F JV$
= S Fio [ Cosin: str. Fix ]: SFen dv
= Stio [Coicn strifui]: Sten dV
= Sner Fio Cailer sûns Ns, Sn; Fis Sne Np, q Sqm Let S IN
= SFin Connep Negg Sqo Frp Nin Srn det 5 dV
$\mathcal{T}_{i,i}^{int} = \int_{\Omega} (\underline{\mathbf{E}}\underline{\mathbf{S}}) : \underline{\mathbf{S}}\underline{\mathbf{E}} d\mathbf{V}$
$= S (FS)_{i,j} : SF_{i,j}                                    $
= S Fin Sui SFii dV
= S Fix Sui Sie Nem Smi det 8 dV

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