

$\overset{??}{\mathbf{i}}$   
 $\overset{??}{\mathbf{\dot{p}}}$   
 $\overset{??}{\mathbf{\ddot{p}}}$   
 $\overset{??}{\mathbf{\dot{p}}}$   
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 $\overset{??}{\mathbf{\ddot{p}}}$   
 $\overset{??}{\mathbf{\dot{p}}}$   
 $\overset{??}{\mathbf{\ddot{p}}}$   
 $\overset{F^-}{\mathbf{=}}$   
 $\overset{??}{\mathbf{\cdot}}$   
 $\text{blue} \bar{t}_2^S = f(t)$   
 $\text{blue} \bar{u}_{S1} = 0$   
 $\text{blue} \bar{u}_{S2} = 0$   
 $\text{blue} v_{S1} = 0$   
 $\text{blue} \bar{v}_{S2} = 0$   
 $\text{blue} \bar{v}_{F1} = 0$   
 $\text{blue} \bar{v}_{F2} = 0$

$f(t) =$   
 $10^3 [1 -$   
 $\cos(20\pi t)] N/m^2.$  For higher mesh levels, see black also Table ??.  
 $\overset{u_{S1}}{\mathbf{\cdot}}$   
 $\overset{u_{S2}}{\mathbf{\cdot}}$   
 $\overset{v_{F1}}{\mathbf{\cdot}}$   
 $\overset{v_{Fy}}{\mathbf{\cdot}}$   
 $\overset{p}{\mathbf{\cdot}}$   
 $\overset{v_{S1}}{\mathbf{\cdot}}$   
 $\overset{v_{S2}}{\mathbf{\cdot}}$   
 $\overset{??}{\mathbf{\cdot}}$   
 $\overset{??}{\mathbf{\cdot}}$   
 $\rho^S u_{S,tt} = \underbrace{(\lambda^S + 2\mu^S) u_{S,yy}}_{\div_E^S} - n^S p_{,y} + (n^F)^2 \gamma k^F (u_{F,t} - u_{S,t})$   
 $\rho^F u_{F,tt} = -n^F p_{,y} - (n^F)^2 \gamma k^F (u_{F,t} - u_{S,t})$   
 $\overset{S u_{S,ty}}{\mathbf{\cdot}}$   
 $n^F u_{F,ty} =$   
 $0$   
 $\overset{?}{\mathbf{\cdot}}$   
 $\overset{k^F}{\mathbf{\cdot}}$   
 $10^{-2}$   
 $\text{m/s}$   
 $\overset{k^F}{\mathbf{\cdot}}$   
 $10^{-5}$   
 $\text{m/s}$   
 $\overset{p}{\mathbf{\cdot}}$   
 $\overset{??}{\mathbf{\cdot}}$   
 $\overset{??}{\mathbf{\cdot}}$   
 $\overset{??}{\mathbf{\cdot}}$

<http://www.featflow.de>

Following  
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