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Supplement of

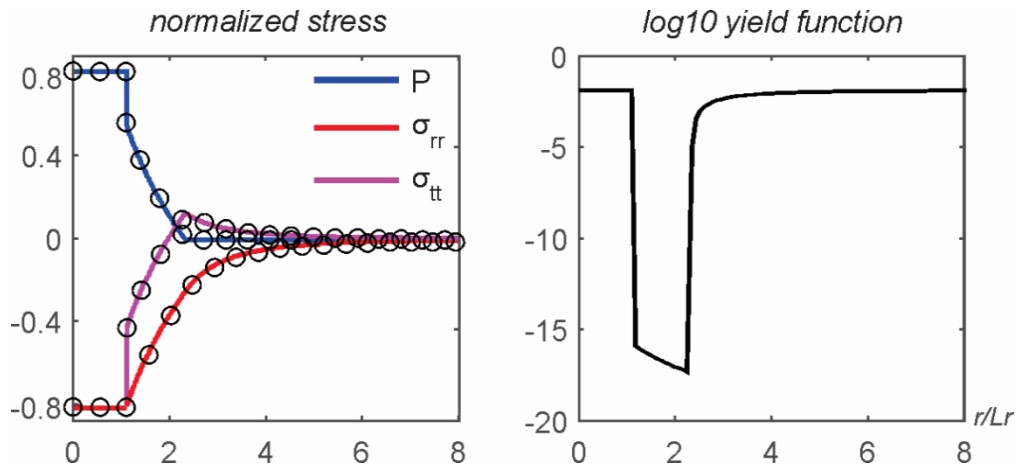
Post-entrapment modification of residual inclusion pressure and its implications for Raman elastic thermobarometry

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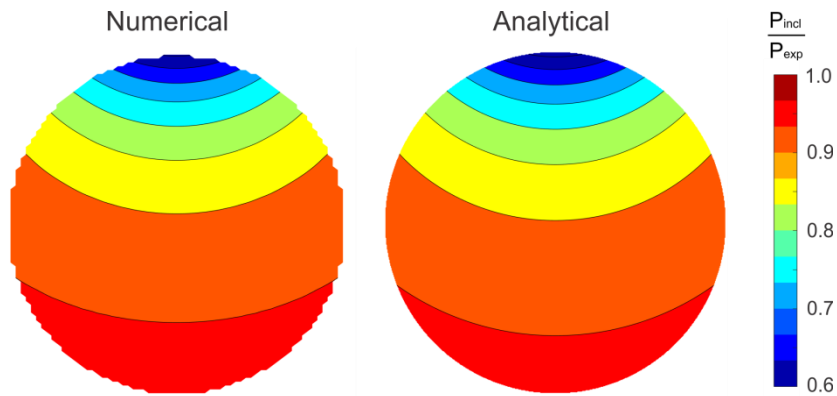
1 **Figures**



2

3 Figure. S1. Elastoplastic benchmark with analytical solution plotted as solid curves and
4 numerical solution plotted as open circles. The computed yield function is lower than 10^{-15}
5 within plastic yield region. Stress is normalized with P_{exp} .

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8 Figure. S2. Numerical benchmark of FD code for an inclusion at depth $\bar{L} = 1.3$. Both
9 inclusion and host contain the same elastic modulus. Poisson ratio is 0.3.

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