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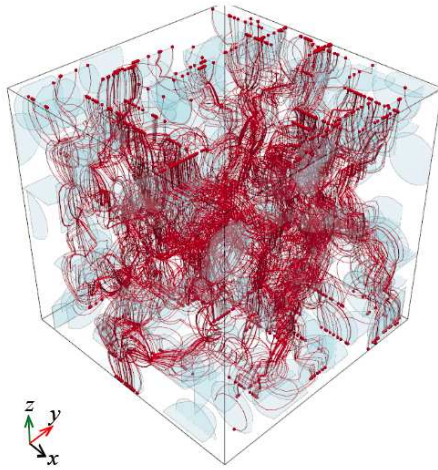
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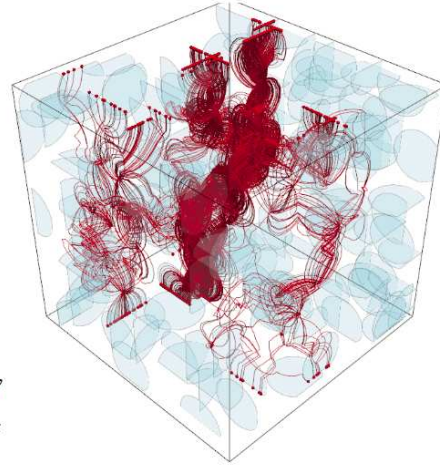
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(a) Iso-hydro-450



(b) Iso-triaxial-450

Fig. S2 Particle-tracking trajectories for the same DFN-based crack model under (a) hydrostatic and (b) triaxial stress conditions. The numbers of injected particles were 200 and 400 for the hydrostatic and triaxial cases, respectively. Inflow and outflow boundary conditions are assigned to planes perpendicular to the z -axis.