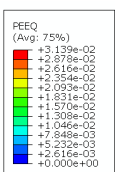
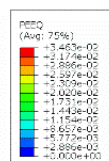
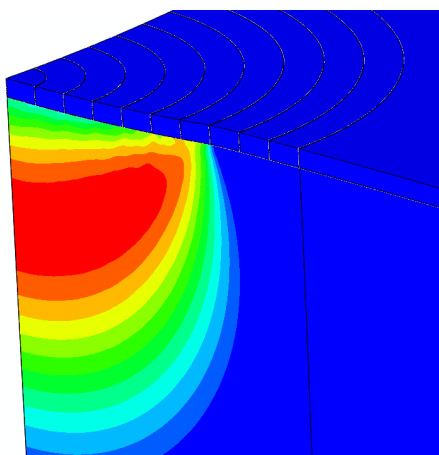


Fig. 1 At the end of cyclic loading (143th cycles), the crack reached 1.4 μm.



A



B

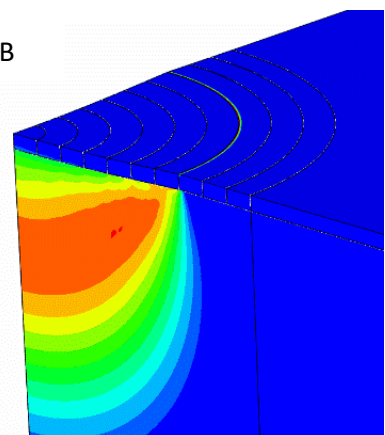


Fig. 2 The plastic deformation at the first loading cycle (A) and at the end of cyclic loading 143th cycles (B).