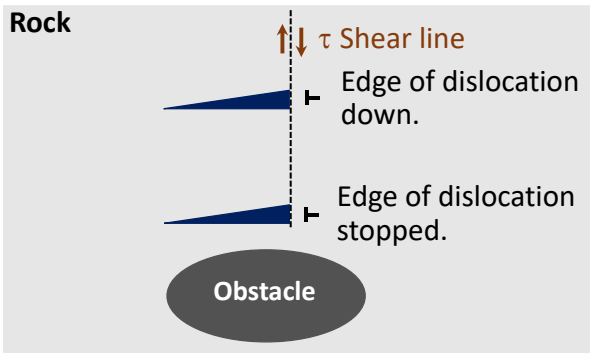
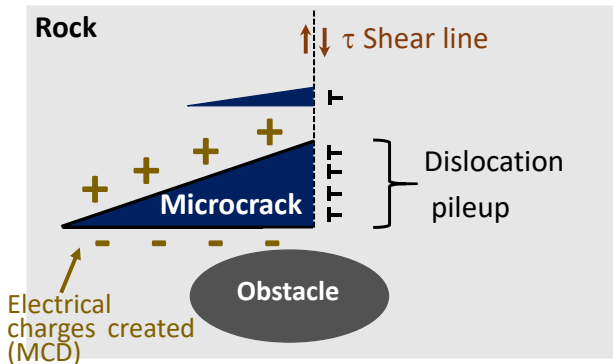


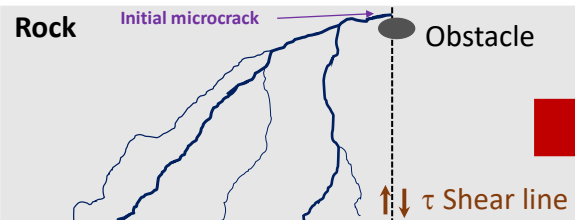
(a) Microcrack initiation



(b) Zener–Stroh crack mechanism



(c) Microcrack growth



(d) Self-organized microcrack

