

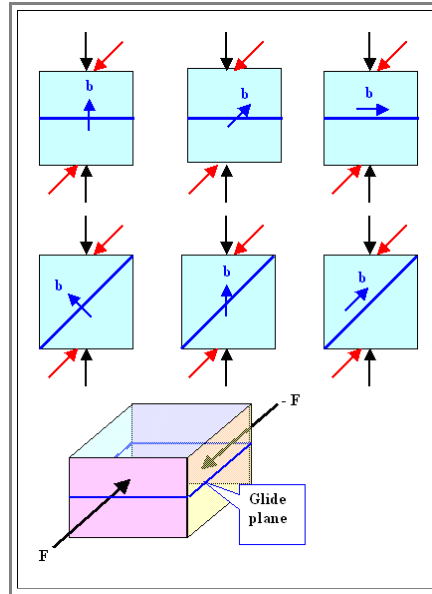
Exercise 5.2-2

Forces on Dislocations

Illustration

The drawing shows a simple crystal containing a dislocation in the 6 configurations given; we are always looking at the glide plane.

- Two kinds of forces act on the crystal, one case (black arrows) is illustrated in the three-dimensional perspective view in the lower picture.



Use the figures and draw in;

1. The force (direction and rough magnitude) acting on the dislocation with black and red for the two cases.
2. The position of the dislocation line after it has moved some distance.

[Link to the solution](#)