

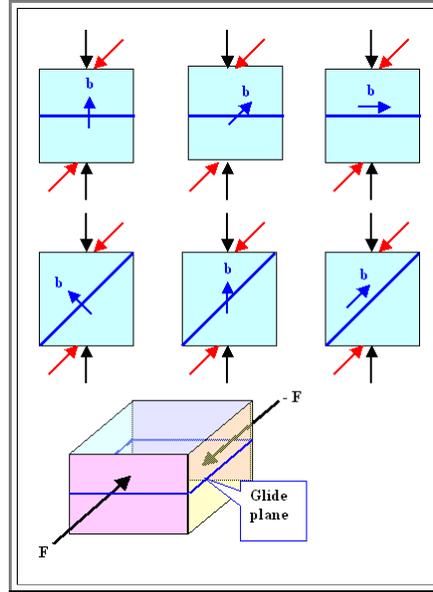
Exercise 5.2-2

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;

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

[Link to the solution](#)