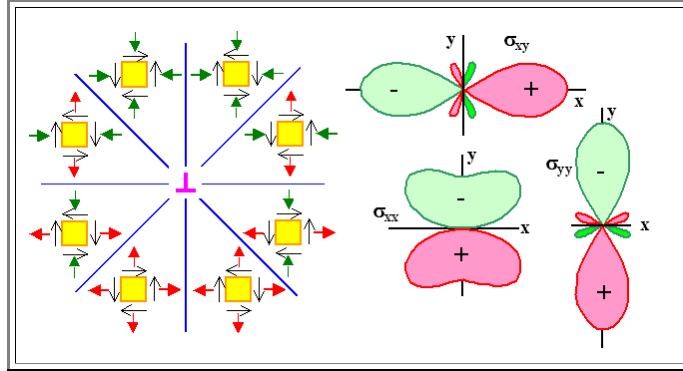


## Stress Field of an Edge Dislocation

Here is a well known representation of the stress field surrounding an edge dislocation

- On the left half of the picture, the stresses on the elementary cube are shown around the dislocation. Since there is no stress perpendicular to the image plane, a two-dimensional representation is sufficient.
- On the right half, contours of equal stress are shown for the normal component and the shear components of the stress tensor.



Illustration