

AFTER

$$\frac{\theta}{2}$$

$$\frac{\theta}{2}$$

$P$   $u$   $P'$

The diagram illustrates a rectangular element undergoing shear deformation. The original rectangular shape is indicated by a dashed outline. The deformed shape is a parallelogram, filled with diagonal hatching lines. The angle of shear at the bottom-left corner is labeled  $\frac{\theta}{2}$  with an arrow pointing to the corner. The word "AFTER" is positioned to the left of the diagram. Inside the deformed element, a point  $P$  is shown moving to a new position  $P'$  by a displacement vector  $u$ , which is represented by a small arrow pointing from  $P$  to  $P'$ .