Mohr's circle for stress transformation
In describing the tate obetreen at a point of a body under loading, the positive direction e of the stress components acting on the dement containing the point


Let XY be the dianctes of the Moors circle. Then
the end points of this
the end points of ordinates
dian ter have con
$X\left(\sigma_{x}, \tau_{y y}\right), Y\left(\sigma_{y}, \tau_{x y}\right)$


Therefore, the coubined
state of tress is


