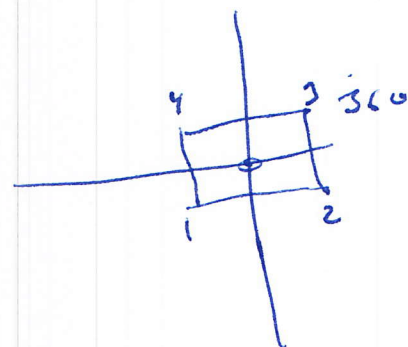
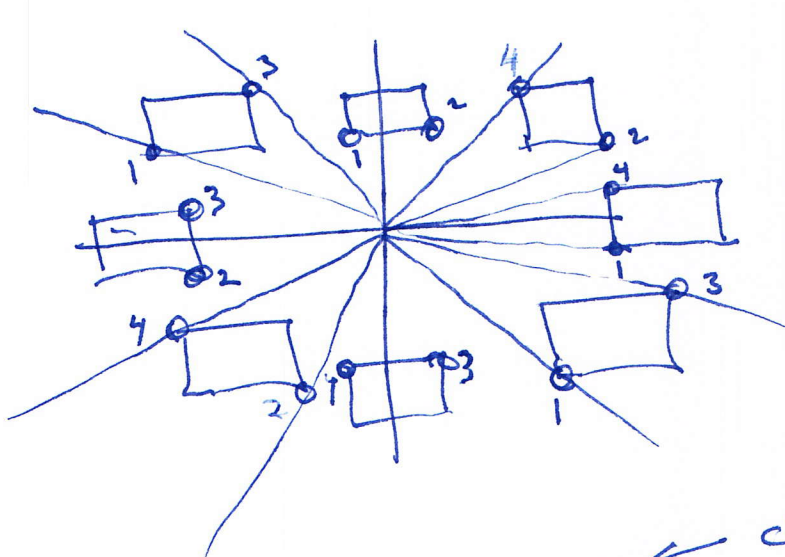


Rectangular box in the plane: Choosing bracketing angles



← circle means lower limit

$\left\{ \begin{array}{l} 1 \text{ is a limit in } Q2 \text{ or } \textcircled{4} \\ 2 \text{ in } \textcircled{Q1} \text{ or } 3 \\ 3 \text{ in } \textcircled{Q2} \text{ or } 4 \\ 4 \text{ in } Q1 \text{ or } \textcircled{3} \end{array} \right.$

QUADRANT (x, y)

$\left\{ \begin{array}{ll} x > 0, y > 0 & Q1 \\ x < 0, y > 0 & Q2 \\ x < 0, y < 0 & Q3 \\ x > 0, y < 0 & Q4 \end{array} \right.$