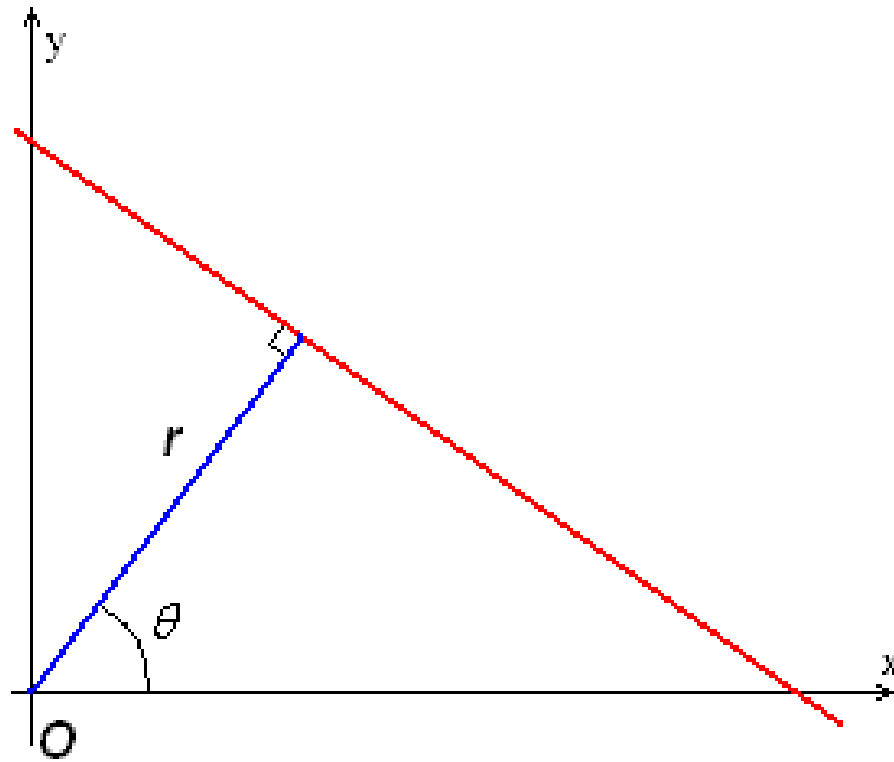


Hough Transform for Lines

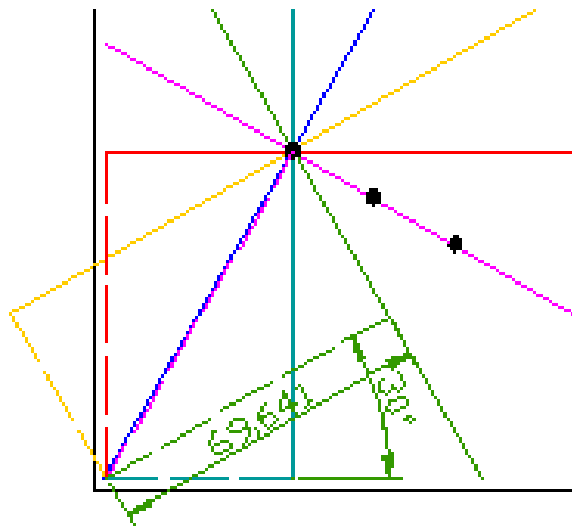
http://en.wikipedia.org/wiki/Hough_transform

Ondřej Chum

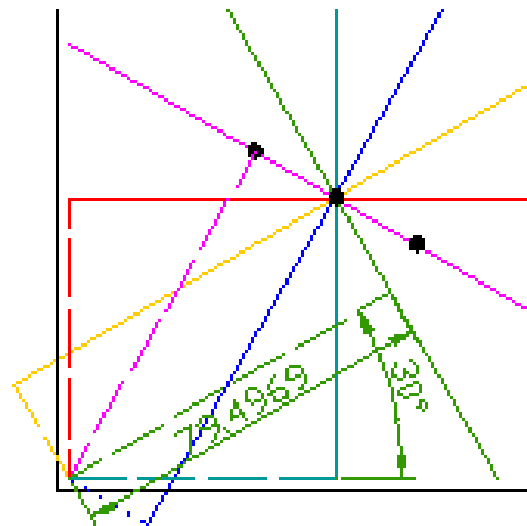
Line Parametrization



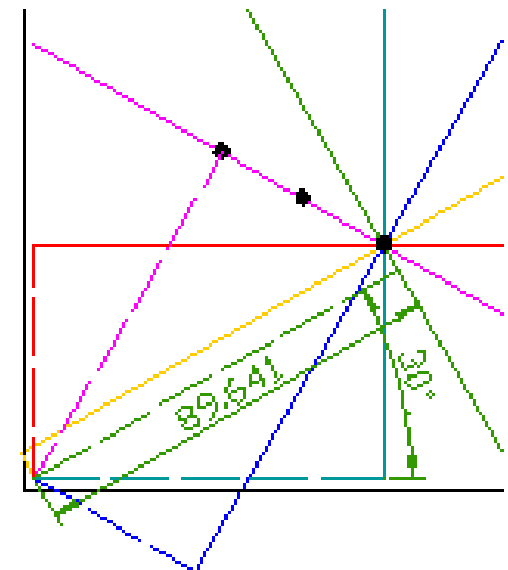
Lines Passing through a Point



Angle	Dist.
0	40
30	69.6
60	81.2
90	70
120	40.6
150	0.4

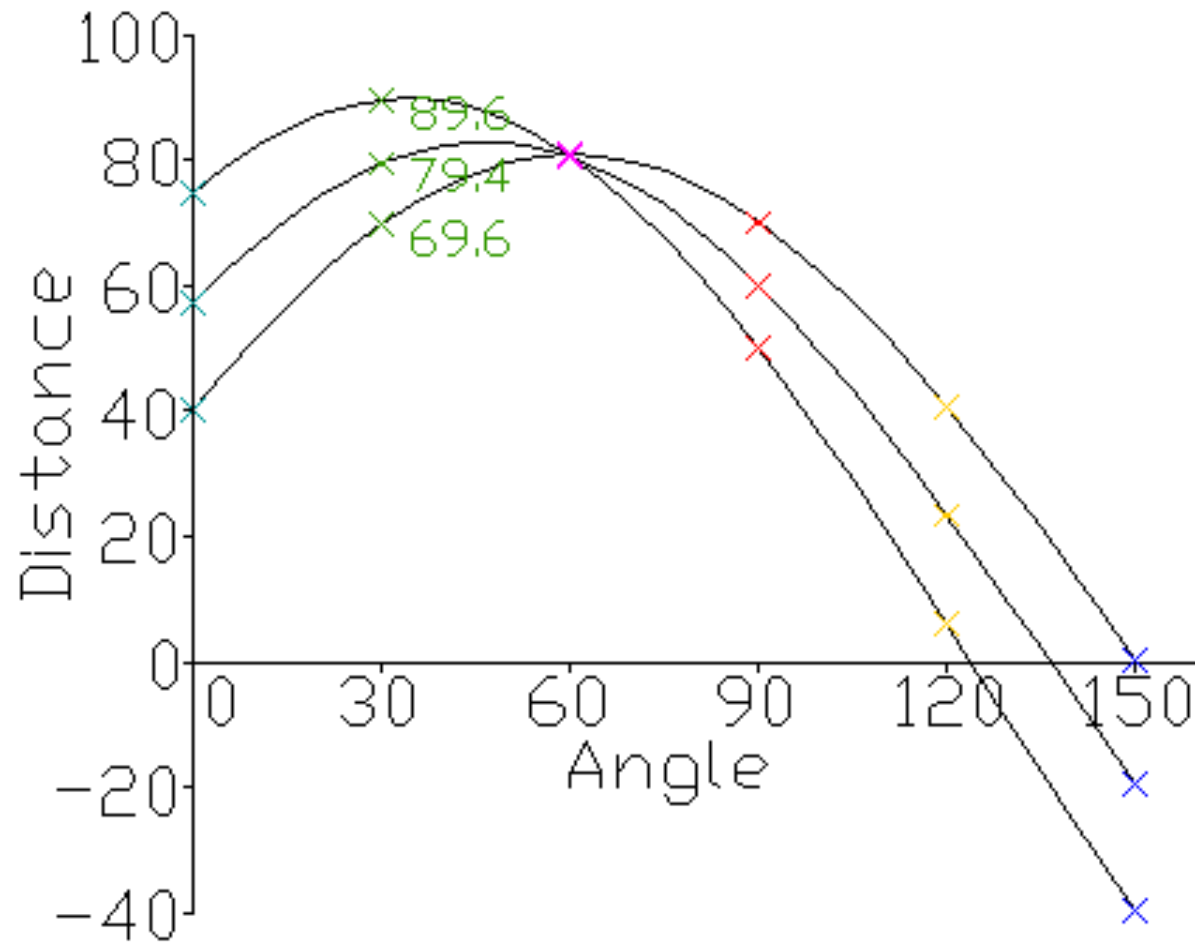


Angle	Dist.
0	57.1
30	79.5
60	80.5
90	60
120	23.4
150	-19.5



Angle	Dist.
0	74.6
30	89.6
60	80.6
90	50
120	6.0
150	-39.6

Hough Transform



Multiple Line detection

Input Image

Rendering of Transform Results

