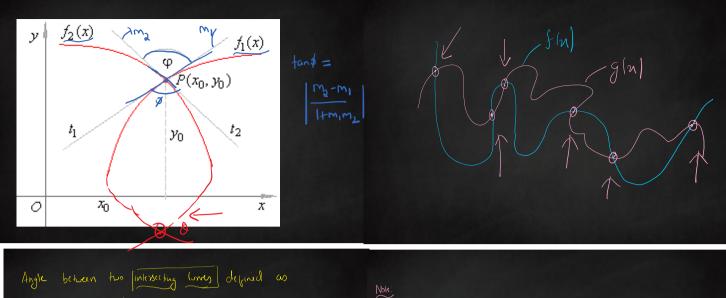
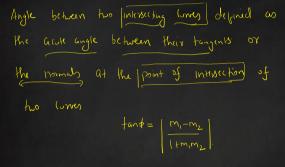


ANGLE BETWEEN TWO CURVES:





o) find the angle between tangents to the lowe $y=x^2$ and $x=y^2$ at (I_1I) $\frac{dy}{dy}=2x \qquad \qquad \begin{cases} 2y\,dy=1\\ 3x \qquad \qquad \\ 3x \qquad \end{cases}$ $\frac{dy}{dy}=\lambda=m_1 \qquad \qquad \frac{dy}{dx}=\frac{1}{2}=m_2$ $\frac{dy}{dx}=\frac{1}{2}=m_2$ $\frac{dy}{dx}=\frac{1}{2}=m_2$

- (1) The convert must introcert for the argle between them to be defined. This can be ensured by finding their point of introcetion.
- @ If the lowes intracts at

 more than one point then aggle between them
 is written with reference to particular Point of intraction
- (3) Two times are said to be orthogonal if anylor between them at point of introsection as right angle (q_0) i.e., $|M_1M_2=1|$

