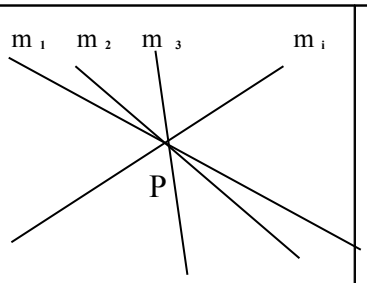
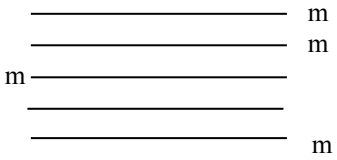
HAZ DE RECTAS EN EL PLANO			
Secantes		$y - y_1 = m_i (x - x_1)$ $Ax + By + C +$ $\frac{\alpha}{\beta}(A'x + B'y + C') = 0$	$P(x_1,y_1)$ Vértice cte. m_i , v_i Variables $\alpha , \beta \in R$
Paralelas		$y - y_i = m (x - x_i)$ $Ax + By + K_i = 0$	K_i , $P(x_i,y_i)$ Variables m , v Constantes $K_i \in R$

D I S T A N C I A S

Entre dos puntos $\left.\begin{matrix} A(x_1,y_1) \\ B(x_2,y_2) \end{matrix}\right\}$ $d(A,B) = d(B,A) = |\overline{AB}| = \sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$

Entre recta y punto $\left.\begin{matrix} P(x_1,y_1) \\ r \equiv Ax + By + C = 0 \end{matrix}\right\}$ $d(P,r) = \frac{|Ax_1 + By_1 + C|}{\sqrt{A^2 + B^2}}$

Entre dos rectas $\left.\begin{matrix} r \equiv Ax + By + C = 0 \\ s \equiv A'x + B'y + C' = 0 \end{matrix}\right\}$ $d(r,s) = \frac{|C - C'|}{\sqrt{A^2 + B^2}}$

Area de un triángulo $\text{Área} = \frac{Base * Altura}{2} = \frac{|\overline{AB}| * d(C, r_{AB})}{2}$