$$\frac{a_1x+b_1y+c_1}{\sqrt{{a_1}^2+{b_1}^2}}=\frac{a_2x+b_2y+c_2}{\sqrt{{a_2}^2+{b_2}^2}}$$

$$\Leftrightarrow \sqrt{{a_2}^2+{b_2}^2}*(a_1x+b_1y+c_1)=\sqrt{{a_1}^2+{b_1}^2}*(a_2x+b_2y+c_2)$$

$$\Leftrightarrow *a_1\sqrt{{a_2}^2+{b_2}^2}x+b_1\sqrt{{a_2}^2+{b_2}^2}y+c_1\sqrt{{a_2}^2+{b_2}^2}=\sqrt{{a_1}^2+{b_1}^2}*(a_2x+b_2y+c_2)$$