$$\varphi(\alpha)$$

$$y(\alpha) = \varphi'(0)\alpha + \varphi(0)$$

$$y_{g}(\alpha) = \varphi'(0)m_{2}\alpha + \varphi(0)$$

$$y_{a}(\alpha) = \varphi'(0)m_{1}\alpha + \varphi(0)$$

$$\alpha$$