

# AS-AD Model

(1)  $C = b(Y - T)$

(2)  $I = er$        $T = tY - TR$

(2a)  $Y = C + I + G$

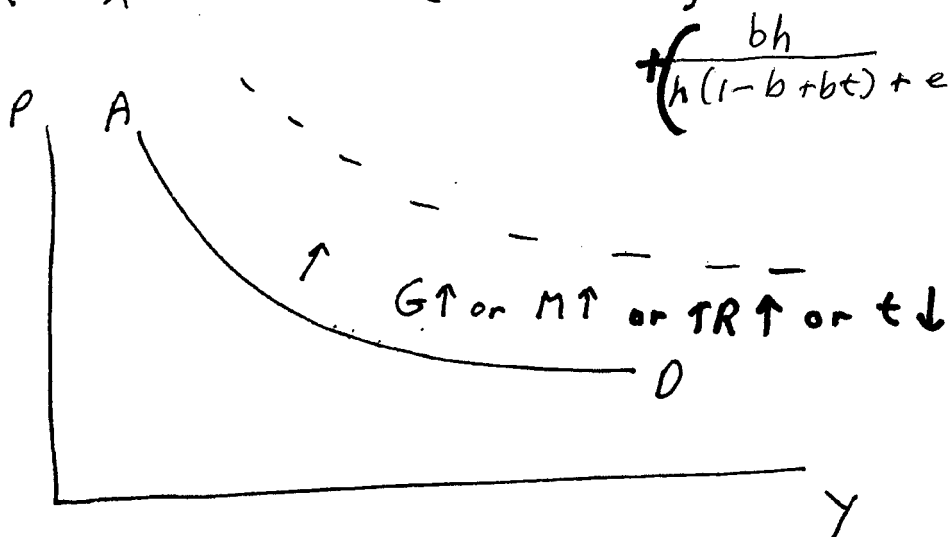
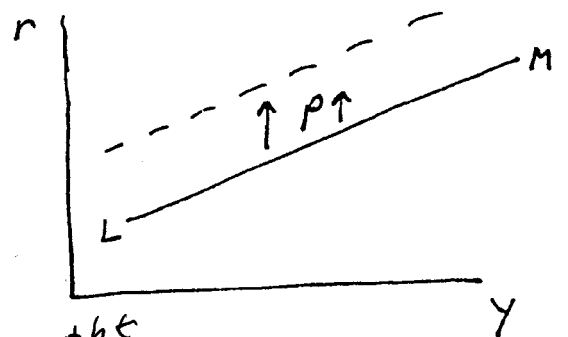
(3)  $\frac{M^d}{P} = gY + hr$

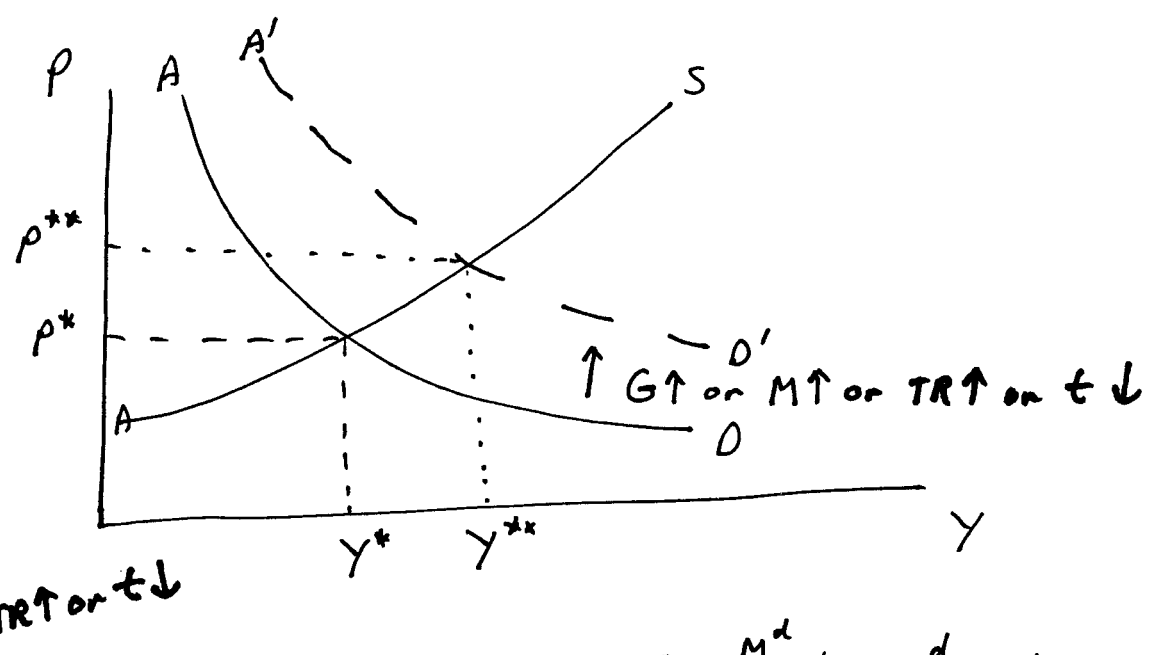
(5)  $M^s = M$

(6)  $M^s = M^d$

(6)'  $Y = \frac{1}{g} \frac{M}{P} - \frac{h}{g} r$

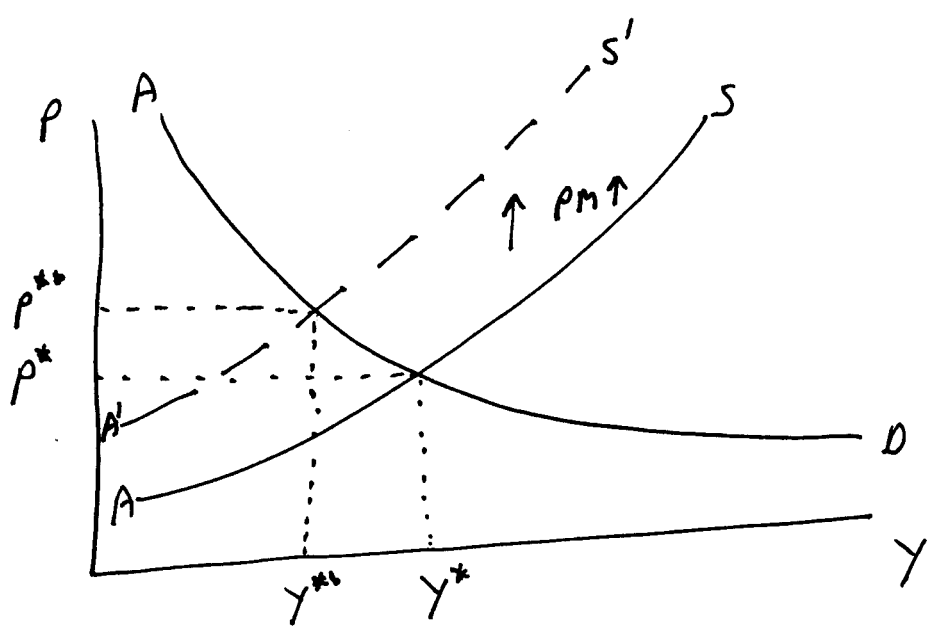
(3)''  $Y = \left( \frac{e}{h(1-b) + eg} \right) \frac{M}{P} + \left( \frac{h}{h(1-b) + eg} \right) G + \left( \frac{bh}{h(1-b) + eg} \right) TR$





$G \uparrow$  and  $M$  unchanged :  $r \uparrow, I \downarrow, C \uparrow, \frac{M^d}{P} \downarrow, M^d$  unchanged

$M \uparrow$  and  $G$  unchanged :  $r \downarrow, I \uparrow, C \uparrow, \frac{M^d}{P} \uparrow, M^d \uparrow$



$PM \uparrow : \frac{M^d}{P} \downarrow, M^d$  unchanged,  $r \uparrow, I \downarrow, C \downarrow$