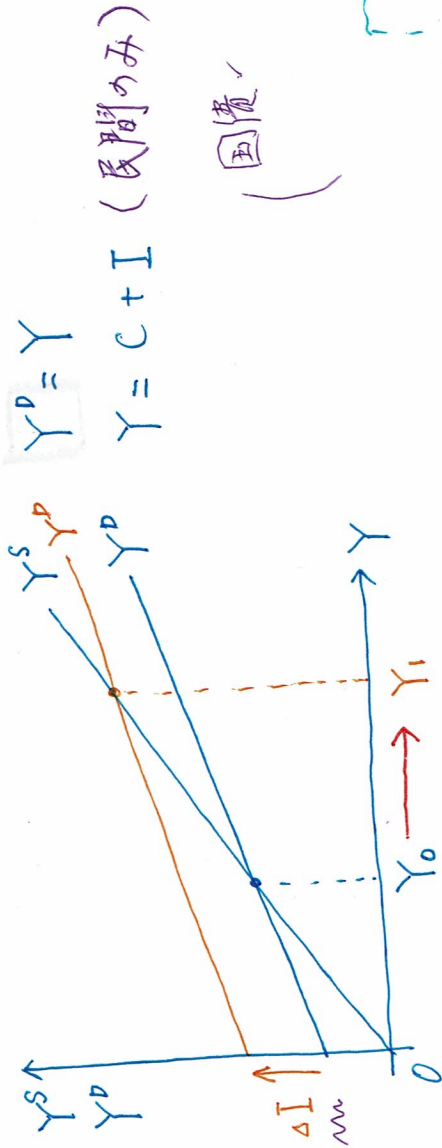


p66
政府活動

G & T
G (政府支出)
T (税金)



(国債)

$$Y = C + I + G \dots ①$$

$$C = C_0 + cY$$

$T \uparrow \rightarrow$ 可処分所得 $\downarrow \Rightarrow$ 消費 $\downarrow$ (需要)
(Y-T)

$$C = C_0 + c(Y-T) \dots ②$$

$$Y = C + I + G \quad ① \text{に} ② \text{代入}$$

$$Y = C_0 + c(Y-T) + I + G$$

$$Y = C_0 + cY - cT + I + G$$

$$Y - cY = C_0 - cT + I + G$$

$$(1-c)Y = C_0 - cT + I + G$$

$$Y = \frac{1}{1-c} (C_0 - cT + I + G)$$

$$Y = 4I$$

初項
1-公比

直接 $\Delta Y = \frac{1}{1-c} \Delta G$ 間接 $\Delta Y = \frac{c}{1-c} \Delta T$

政府支出 減税

$\Delta G = \Delta T$
 $c = 0.8$ $\frac{0.8}{1-0.8} = 4$

$\frac{1}{1-0.8} = 5$

$\frac{1}{1-c} > \frac{c}{1-c}$

投資乗数

$$\Delta Y = \frac{1}{1-c} \Delta I$$

政府支出乗数 (財政乗数)

$$\Delta Y = \frac{1}{1-c} \Delta G$$

租税乗数 (増税)

$$\Delta Y = \frac{1}{1-c} \times -c \times \Delta T$$

租税乗数 (減税)

$$\frac{c}{1-c}$$

$$\Delta Y = -\frac{c}{1-c} \Delta T$$