

$$(1) \quad i + g = s + t.$$

$$y = c + i + g$$

$$y = 100 + 0.8(y - 250 + 62.5) + 50 + 200 \\ = 100 + 0.8y - 150 + 250$$

$$0.2y = 200$$

$$y = 1000 \quad \text{均衡收入 1000 美元}$$

$$(2) \quad y = c + a + (1 - \beta)(y - t + tr) + i + g$$

$$y = \frac{a + i + g + \beta tr - \beta t}{1 - \beta}$$

\therefore 投资乘数为 $\frac{1}{1 - \beta} = 5$ ，政府支出乘数为 $\frac{1}{1 - \beta} = 5$ 。

税收乘数 $-\frac{\beta}{1 - \beta} = -4$ ，转移支付乘数 $\frac{\beta}{1 - \beta} = 4$ 。

平衡预算乘数 $\frac{\beta}{1 - \beta} + (-\frac{\beta}{1 - \beta}) = 1$ 。



$$2. (1) \Delta y = \frac{200}{5} = 40$$

$$(2) \Delta t = \frac{200}{1k_t} = 50$$

(3) $\because k_t = 1$ \therefore 同时增加 g 和 t 200 就可实现充分就业

$$3. y = \frac{\alpha + i + g + \beta t}{1 - \beta}$$

$$k_i = \frac{1}{1 - \beta} = 4.$$

\therefore 国民收入增加 $\Delta y = k_i \cdot \Delta i = 800$

$$4. (1) y = C + i + g$$

$$y_d = 8400 - 600$$

$$y = \frac{1000 + 800 + 750 - 450}{0.25}$$

$$= 7800 = y$$

$$= 8400$$



$$(2). C = 1000 + 0.75 \times 7800$$

$$= 6850$$

$$(3). S = Y_d - C = -1000 + 0.25 \times 7800 + i + v = N$$

$$= 950$$

$$i = S + S_g$$

$$S_g = i - S$$

$$= -150$$

$$(4). K_i = \frac{1}{1-\beta} = 4$$



$$5. \quad y = \frac{\alpha + i + g + \beta tr - \beta t}{1 - \beta}$$

国民收入. $K_2 \cdot \frac{\Delta C}{\Delta} \div \frac{\beta}{1 - \beta} tr + \frac{\beta}{1 - \beta} t - \frac{1}{1 - \beta} g$

$$= 600 \times 5 - 300 \times 5 = 1500$$

$$1. (1) \quad y = C + g + i + nx$$

$$= 30 + 0.8(y - t_n) + i + g + nx$$

$$= 30 + 0.8(y - 50) + 60 + 50 + 50 - 0.05y$$

$$= 30 + 0.8y - 40 + 160 - 0.05y$$

$$0.25y = 150$$

$$y = 600$$



$$(2) \quad NX = 50 - 0.05 \times bw$$

$$= 20$$

$$(3) \quad Ki = \frac{1}{1-\beta} =$$

$$y = \alpha + \beta (y - t_n) + i + g + 14x \cdot 50 - 0.05y$$

$$y = \frac{\alpha - \beta t_n + i + g + 50}{1 - \beta + 0.05}$$

$$Ki = \frac{1}{1 - 0.8 + 0.05} = 4$$

$$(4) \quad \text{折旧收入} \quad bw + Ki \cdot \Delta i = bw + 4 \times 10 = 640$$

$$NX = 50 - 0.05y = 18$$

$$(5) \quad y = c + g + i + NX$$

$$0.25y = 140$$

$$y = 560$$

$$NX = 50 - 0.05y = 12$$

