## 方老 模电常五章 羽殿 1904/0102

5.4

- (a) 顿馈;直流饮馈; 领馈
- (6) 有线;直流十支流反馈; 延馈
- (C) 有反馈; 直流反馈; 次反馈
- (d) 有负债; 直流十支流反馈; 负负债
- (e) 板馈; 直流十岁流反馈;使反馈
- (f) 有成爱; 直流十灰流处馈; 免处馈
- (9) 初龄; 直底十灰的反馈; 预债
- (h) 有股份: 直流传流反馈;负负债

5.5

- (a) 交流质反馈;(b)交、直流变应馈;(c)尽直流质反馈,尽尽是形变流验货
- (d) 交、直流负负馈(e)交,直流负负馈(f) B,R,B)A直流负债,R431入交、直流负负债
- (d) 电流新联领馈(e) 电压解领馈(f)电压解领馈
- (g) 电压翻频反馈 (h) 电压翻频频馈
- 电压并联负负债 (b) 电压串联负负债 (e) 电流并联负债。 5.7
- 电流电联领馈 (f)

(d) 
$$j_i = j_o$$
  $A_{inf} = \frac{\dot{U}_o}{\dot{U}_i} = \frac{R_L}{R_I}$ 

(e) Auf = 
$$\frac{\dot{U}_0}{\dot{U}_1} = \frac{R_3 + R_1}{R_1} = 1 + \frac{R_3}{R_1}$$

(f) 
$$U_i = U_N = U_P = \dot{U}_0$$
 Auf =  $\frac{\dot{U}_0}{\dot{U}_i} = 1$ 

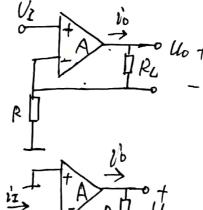
(a) 
$$\dot{f} = \frac{if}{1/6} = -\frac{1}{R_f}$$
 Aus  $f = \frac{1}{F} \cdot \frac{1}{R_S} = -\frac{R_f}{R_S}$ 

(b) 
$$\dot{f} = \frac{\dot{i}_4}{\dot{i}_6} = \frac{R_1}{R_1 + R_4}$$
  $\dot{A}_{44} = \frac{1}{\dot{f}} = 1 + \frac{R_4}{R_1}$ 

(e) 
$$\dot{f} = \frac{\dot{I}_f}{\dot{I}_o} - \frac{\dot{R}_z}{R_1 + R_z}$$
  $\dot{A}usf = \frac{1}{\dot{F}} \cdot \frac{\dot{R}_L'}{R_s} = (1 + \frac{\dot{R}_I}{R_z}) \frac{\dot{R}_I ||R_L|}{\dot{R}_s}$ 

(f) 
$$\dot{F} = \frac{\dot{U}_f}{I_o} = \frac{R_2 R_9}{R + R_0 + R_9}$$
 Ausf =  $\frac{\dot{I}}{F} \cdot R_L' = \frac{\dot{I}}{F} \cdot (R_7 / 1 R_8 / 1 R_L) = -\frac{(R_2 + R_4 + R_9)(R_5 / 1 R_8 / 1 R_L)}{R_2 R_9}$ 

$$(12) \qquad (12) \qquad (12) \qquad (12) \qquad (12) \qquad (12) \qquad (12) \qquad (13) \qquad (13) \qquad (13) \qquad (14) \qquad (14) \qquad (14) \qquad (14) \qquad (14) \qquad (14) \qquad (15) \qquad (15) \qquad (15) \qquad (16) \qquad$$



(3) 
$$\tilde{u}_{I}$$
  $\stackrel{+}{\longrightarrow}$   $R_{2}$ 

