5.4.(a)直流负反馈	, , , , , , , , , , , , , , , , , , ,
(b) 直流、交流正反馈	
(c) 直流负反馈	
(d) 直流、交流负反馈	
(e) 直流、交流负反馈	<u> </u>
(f)直流、交;而负反馈	
(9)直流、交流负反馈	<u> </u>
(h)直流、交流负反馈	
5.5.(a) 直流、交流负反馈	1 1 2 31
(b) 直流、交流负反馈	
(c) 直流、交流负反馈,交流正反馈	
(d) 直流, 交流负反馈	
(C) 直流,交流负反债	
(f) 直流,交流负反馈	English Fine
5.6 (d) 电流并联负反馈	
(e) 电压串联负反馈	- 54 (1)
(f) 电压串联负反馈	
(9) 电压串联负反馈	/
(小 电压串联负反馈	: - 543 H
5. 7. (a)交直流电压相关负反馈	· · · · · · · · · · · · · · · · · · ·
(b) 交直流电压串联负反馈	
(c)交流 电压电铁负反馈,交流正反馈,正流负反	告
•	117
_(d) 交直流电压并联负反馈	

(f) 直流电流并联负反馈,交流电流串联负反馈

5-8.(d) <u>Ü。 io·RL</u> 心理想运放 六丁=io

(e) U-=U+, Ui = Io·R1, Uo=Io·(R1+R3)

1: Uo = RI+R3

(f) 交流 R2 4豆 路, Uo = Oi , Uo =1

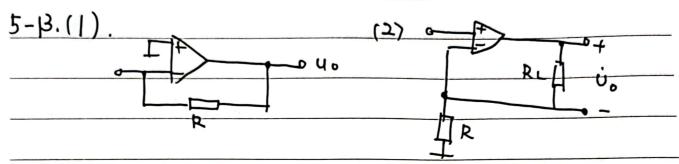
(g) <u>Ü</u> = R1+R2

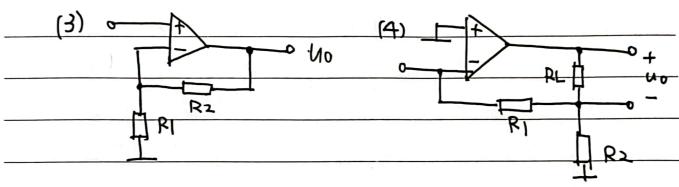
(h) <u>Üo</u> = R1+R3

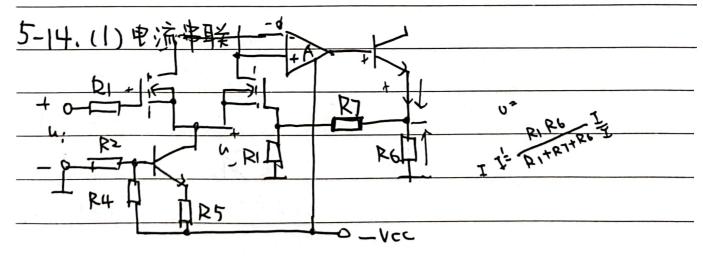
5-9, (a) $F_{iu} = \frac{If}{i0} = -\frac{1}{Rf}$, $Auif = \frac{\dot{U}o}{\dot{I}i} \approx -Rf$

(b) Fun = $\frac{\dot{U}f}{\dot{U}0} = \frac{R_1}{R_1+R_4}$, $\dot{A}uuf = \dot{F}uu = \frac{R_1+R_4}{R_1}$ (c) Fii = $\frac{\dot{I}f}{\dot{I}0} = \frac{\dot{R}z}{R_1+R_2}$, $\dot{A}iif = \dot{F}ii = \frac{R_1+R_2}{R_2}$ $\dot{A}usf = \frac{(R_1||R_4)(R_1+R_2)}{R_2+R_4+R_4}$ (f) Fui = $\frac{\dot{U}f}{\dot{I}0} = \frac{R_2R_4}{R_2+R_4+R_4}$

19 F= ->







(2)
$$F_{ui} = \frac{R_1R_6}{R_1R_6+R_7}$$
, $A \approx 4 \approx \frac{R_1R_6+R_7}{R_1R_6}$
 $\frac{0.01}{5} = \frac{11.5+R_7}{15\times100} \Rightarrow R_7 = 30-11.5 = 78.5 kg$