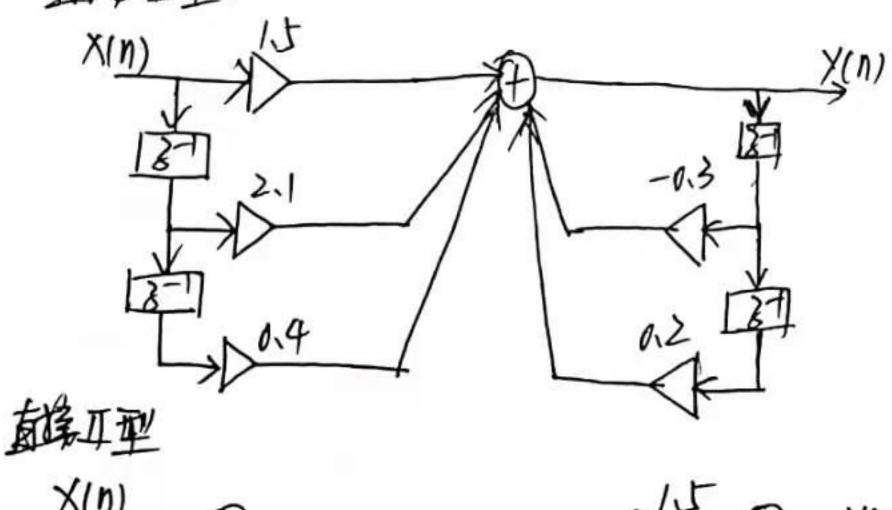
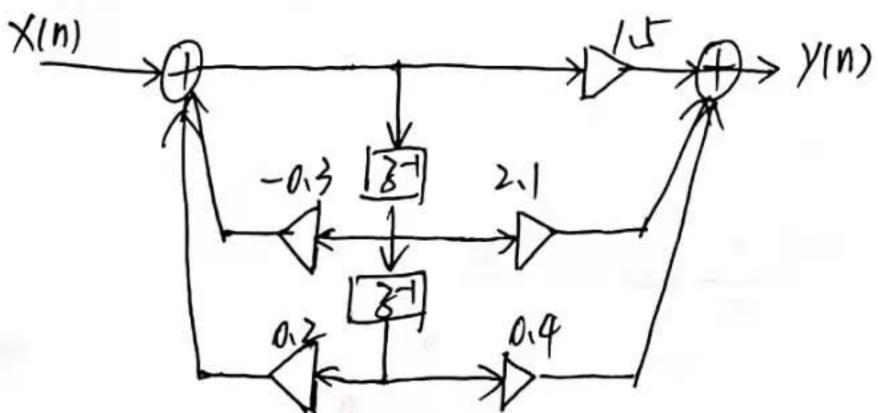
班级:计84 姓名:河沙车编号:2018011446科目:

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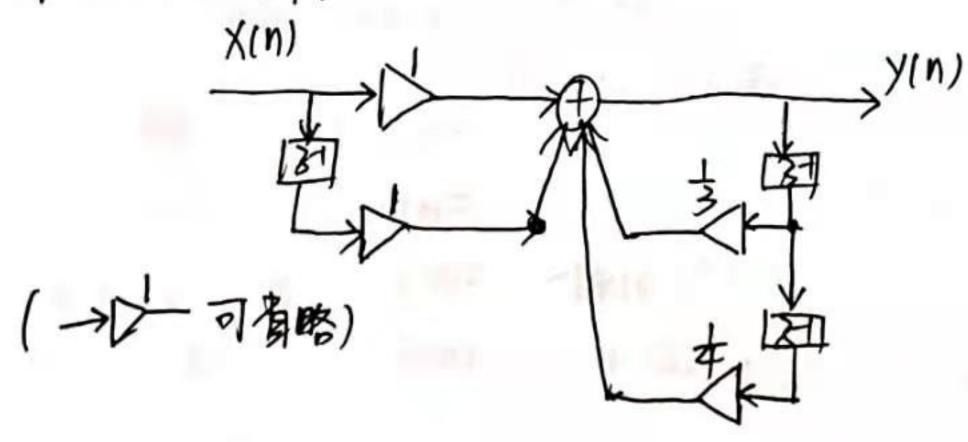
2y(n)+0.6y(n-1)-0.4y(n-2)=3x(n)+42x(n-1)+0.8x(n-2)

即 y(n)= -Q3y(n-1)+ 0、2y(n-2)+7よX(n)+2、1X(n-1)+の4X(n-2) 直接 I型:





2. 解: (a) I型店构:



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(月) 工型;

$$H(ejw) = 1 + e^{-jw}$$
 $= 1 + (os(w) - jshw)$ $- 4e^{-jw} - 4e^{-jw} - 1 + (os(w) - jshw) - 4(wsw - 1 + 2+2vsw)$ $= 1 + (os(w) - jshw) - 4(wsw - 1 + 2+2vsw)$ $= 1 + (os(w) - jshw) - 4(wsw - 1 + 2+2vsw)$ $= 1 + (os(w) - jshw) - 4(wsw - 1 + 2+2vsw)$

$$= \arctan \frac{-1951hw - 351h2w}{8 + 5cosw}$$

$$H(3) = \frac{1+43^{-1}}{1-0.73^{-1}+0.13^{-2}}$$

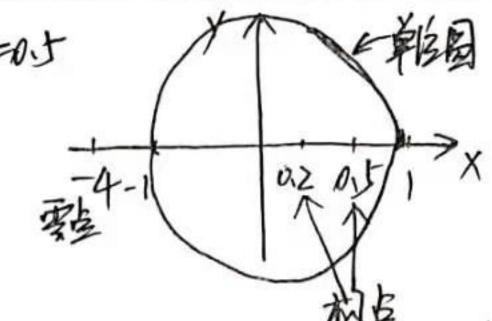
3. (a)
$$H(3) = \frac{1+43^{-1}}{1-0.73^{-1}+0.13^{-2}}$$

(b)
$$h(3) = \frac{14}{(1-0.23^{-1})(1-0.13^{-1})} = \frac{-14}{1-0.23^{-1}} + \frac{15}{1-0.23^{-1}}$$

Where $3 = 0.2$ $3 = 0.5$

(C) 树: 3=012 32=05

验 30=-4



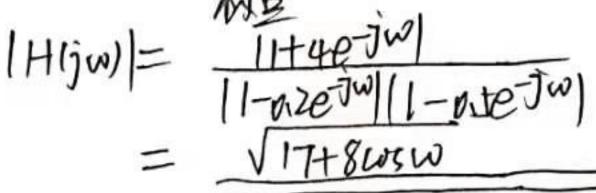
(d) HIjw)= 1+4e-jw 1-0.7e-jw+0.1e-zjw

W由0>T时、多~~~一个1H的1=3

故辩响应为何通

(e) ROC: |3|>05

单约图在 ROC内, 故谈系统稳定



H(1)W/h