日期: /

3.24 M_{\odot} : $G(s) = \frac{816}{(s_{+2}74)(s_{+0.2}+j_{0.3})(s_{+0.1}-j_{0.3})}$ $S_{1} = -274$ $S_{2} = -0.2-j_{0.3}$ $S_{3} = -0.2+j_{0.3}$

知了So.So为对关犯极点且距离虚抽较近 则So.So为主导极点

: Gisi = 3/4(s'+045+0.13)(1+2/45) ~ 3/4(s'+045+0.13)

 $G_{LS} = \frac{Y_{LS}}{R_{LS}} \Rightarrow Y_{LS} = G_{LS} \cdot R_{LS} \qquad R_{LS} = \mathcal{L}[u + t] = \frac{1}{S}$

 $\pi X |_{(3)} = \frac{916}{2.14} \cdot \frac{1}{s(s+\alpha z+jas)(s+\alpha z-jas)} = 297.8 \cdot \frac{1}{s(s+\alpha z+jas)(s+\alpha z-jas)}$ $= 297.8 \cdot \left[\frac{0.13}{S} + \frac{-0.18+0.12j}{S-(-\alpha z-0.3j)} + \frac{-0.18-0.12j}{S-(-\alpha z+\alpha jj)} \right]$

3,21 Mg: Giss = 3(5+2)(s+50) TR. 10: Si=0 Si=-15 Si=-1500

简化为二阶系统 Gisi= 5(5+5) 根据符份推得的 wi. 了的意息

所入公前 ts= fm 0=2 gm, 0=5

6/3= e - 4/1-5 x 130%

日期:	/		