恐4-4 中山大學本科生考试草稿纸2mg²-93

警不 《中山大学授予学士学位工作细则》第七条:"考试作弊者不授予学士学位。"

P.206.1 水门建发的单调中区间与超值点,

$$y' = \frac{2\chi}{1+\chi^{2}};$$

$$y' = \frac{2(1+\chi^{2})-2\chi(2\chi)}{(1+\chi^{2})^{2}} = \frac{2-2\chi^{2}}{(1+\chi^{2})^{2}} = \frac{2(1-\chi)\cdot(1+\chi)}{(1+\chi^{2})^{2}}$$

$$\chi' = \frac{2(1+\chi^{2})-2\chi(2\chi)}{(1+\chi^{2})^{2}} = \frac{2-2\chi^{2}}{(1+\chi^{2})^{2}} = \frac{2(1-\chi)\cdot(1+\chi)}{(1+\chi^{2})^{2}}$$

$$\chi' = \frac{2(1+\chi^{2})-2\chi(2\chi)}{(1+\chi^{2})^{2}} = \frac{2(1-\chi)\cdot(1+\chi)}{(1+\chi^{2})^{2}}$$

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$$\chi' = \frac{2(1-\chi)\cdot(1+\chi)}{(1+\chi)^{2}} =$$

率调区间(-1,1);率减区间(-10,-1)U(1,+∞); 拟植f(1)=1;相付值f(+)=-1.

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$$y = \frac{\ln^2 x}{\chi}$$
; $\chi' = \frac{\ln^2 x}{1 + 2\ln x} \cdot \frac{1}{\chi} - \frac{\ln^2 x}{\chi^2} = \frac{\ln x}{\chi^2} (2 - \ln x)$ $\chi' = \frac{1}{\chi} \cdot 2 \ln x \cdot \frac{1}{\chi} - \frac{\ln^2 x}{\chi^2} = \frac{\ln x}{\chi^2} (2 - \ln x)$ $\chi' = 0$, $\chi = 0$, $\chi = 0$, $\chi = 0$. $\chi = 0$.

率成区间(0,1)U(e²,+10); 单笔区间(1, e²); 极了·前f(1)=0; 拟版f(e²)=4