

16. (4) 由 y= arosinx, y= lnx y=x2 y= 1+x 及 y=Jx 复合 定义吸入 XE WI DE 10,270). 4. (1) $f: x \mapsto Jx^2 - 1$ $D(x) = (-\infty, 1] \cup [1, +\infty)$ $R(x) = [0, +\infty)$ g: x > JI-x2 D(x)=[-1,1] P(x)=[0,1] :复合运算, (fog)(x)=Q(x=0) (qof)(x)=J-x72(1=[x]=5 for = \ \ 2x, x \in [-1,1] D(x) = [-1,3) R(x) = [-2,9). 9(x)= = arcsin(2-1) P(x) = [0,4) R(x) = [-4, 7] (fog)(x) = arcsin(2-1) xe [0,4] 立arcsin(文十) XE[1,1] JX+1 XE (+1,0]