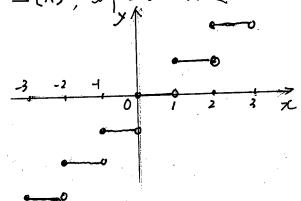
P.26.8. 作了到是我的感息

(1) y=[x], 其中[x]为不起过 x的最大整数。



(2) 
$$y = |x| + x = \begin{cases} 2x & x>0 \\ 0 & x \leq 0 \end{cases}$$

P.26.9 爱fa)={  $\frac{1}{2}$  ,  $\frac{1}{2}$  ,

(1) 
$$y = f(x^2) = x^4 (x^2 > 0)$$
, (-10), + 10)

(2) 
$$y = |f(x)| = \begin{cases} x, & x > 0 \\ -x, & x < 0 \end{cases}$$

(2) 
$$y = |f(x)| = \begin{cases} x^2, & x > 0 \\ -x, & x < 0 \end{cases}$$
  
(3)  $y = f(-x) = \begin{cases} x^2, & x > 0 \\ -x, & x < 0 \end{cases}$ 

(4) 
$$y = f(x_1) = x^2$$
,  $(x_1>0)$ ,  $-\infty < x < +\infty$ 

P.26.10 末下引速数~反函数.

(1) 
$$y = \frac{\chi}{2} - \frac{2}{\chi}$$
,  $(0 < \chi < + \infty)$ .  $\frac{\chi}{4}$ :  $y = \frac{\chi}{2} - \frac{2}{\chi}$   $\Rightarrow y = \frac{\chi^2 - 4}{2\chi}$   $\Rightarrow \chi = 2y + \sqrt{4+y^2}$ .  $(\chi > 0)$   $\Rightarrow \chi = \frac{2y + \sqrt{4y^2 + 16}}{2}$   $\Rightarrow \chi = y + \sqrt{4+y^2}$ .  $(\chi > 0)$ 

$$(2) \quad y = \sinh \chi = \frac{1}{2} (e^{\chi} - e^{-\chi}); \quad \chi = \frac{1}{2} (e^{\chi} - \frac{1}{e^{\chi}}) = \frac{e^{2\chi} - 1}{2e^{\chi}} \Rightarrow e^{2\chi} + 2y \cdot e^{\chi} + 1 \Rightarrow 0$$

$$\Rightarrow e^{\chi} = \frac{1}{2} (e^{\chi} - \frac{1}{e^{\chi}}) = \frac{e^{2\chi} - 1}{2e^{\chi}} \Rightarrow \chi + 1 \Rightarrow \chi = \ln(y + 1) + 1$$

$$\Rightarrow \chi = \ln(\chi + 1 + 1)$$

$$\Rightarrow \chi = \ln(\chi + 1 + 1)$$