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$$f_{CN} = \begin{cases} 0, \times < 0 \end{cases}$$

该函數不这合版激活函数 因为在即过在中其多数为 $0.$
 $E = \sum_{i=1}^{n} (y_i - y_i)^2$, y_i 为 y_i y_i

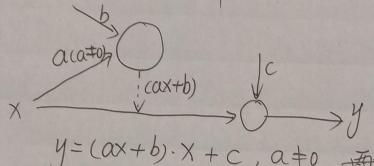


有京大学

東三可等:
$$\frac{\partial E}{\partial W_{5}} = \frac{\partial E}{\partial y} = \frac{\partial Y}{\partial W_{5}} = \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y} = \frac{\partial Z}{\partial y} + \frac{\partial Z}{\partial y}$$



3. 不能用一个神经元拟台二次曲线.
至少用2个神经元状台二次曲线.
对于任意一个二次函数.有处于形式. y=ax²+bx+c, a+o.
可构造神 y=ax²+bx+c=xcax
(ax+b)-x+c, a+o.
因此可以构造含有2个神经元的比构.



y=(ax+b)·X+C, a=0. 两个神经元均不高般超两个神经元均不高激活函数,其中第一个神经元的新出罗作为第二个神经元的裁狱狱狱对应新入X的权值

此时. BP在花子 日=(y-y): 立

 $\frac{\partial E}{\partial c} = \frac{\partial E}{\partial y} \left(\frac{\partial y}{\partial c} = y - y \right)$

 $\frac{\partial E}{\partial a} = \frac{\partial E}{\partial y} \frac{\partial y}{\partial w} \frac{\partial w}{\partial a} = \frac{(y-y)(ax+b)}{(y-y)(ax+b)} \frac{\partial w}{\partial a}$

 $\frac{\partial E}{\partial b} = \frac{\partial E}{\partial y} = \frac{\partial y}{\partial w} = \frac{\partial y}{\partial b} = \frac{\partial y}{\partial y} \cdot x$

上述结构可导出BP公共、因此该结构理论上的场份收入 企业考虑控制的延迟高度在传播×的途径上加一种登元类似的。