

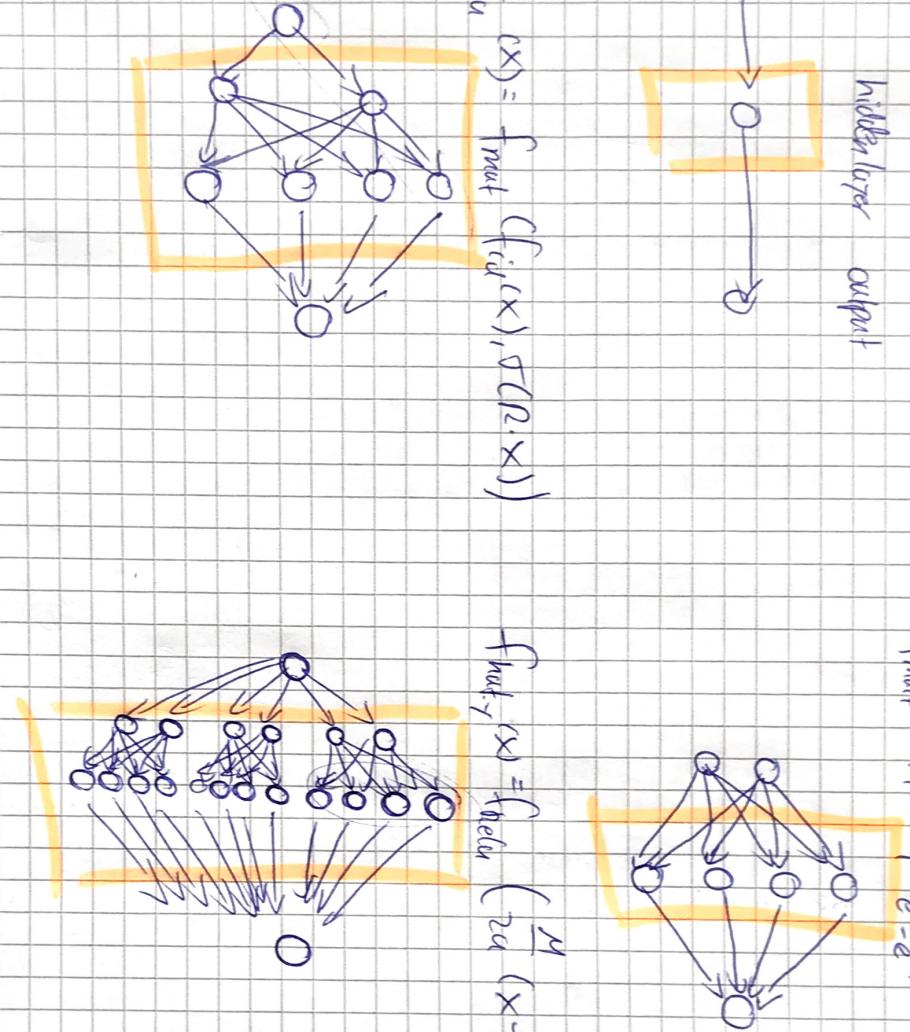
$$f_{id}(x) = 4R \cdot \sigma\left(\frac{x}{R}\right) - 2R$$

input  
hidden layer  
output

$$f_{mult}(x, y) = \frac{\rho^2}{4} \cdot \frac{(1+e^{-x})^3}{e^2 - e^1} \cdot \left( \sigma\left(\frac{\rho(x+y)}{R}\right) + 1 \right) - 2 \cdot \sigma\left(\frac{x+y}{n}\right) + 1 + 2 \cdot \sigma\left(\frac{x-y}{n}\right)$$

$$f_{relu}(x) = f_{mult}(f_{id}(x), \sigma(R \cdot x))$$

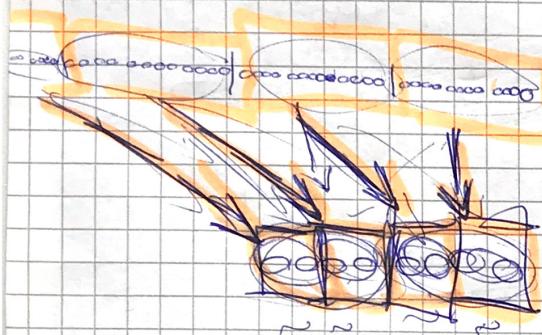
$$f_{hat,y}(x) = f_{relu}\left(\frac{\mu}{2a}(x-y) + 1\right) - 2 \cdot f_{relu}\left(\frac{\mu}{2a} \cdot (x-y)\right) + f_{relu}\left(\frac{\mu}{2a} \cdot (x-y) - 1\right)$$



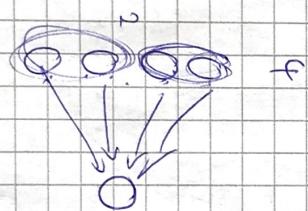


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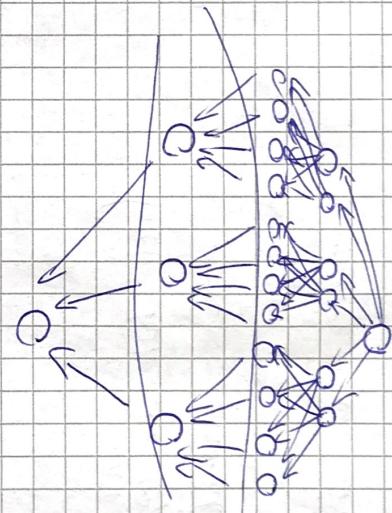
Bp  
fir  
 $S=2$



3-2-2<sup>s</sup>  
3-4-2<sup>s</sup>  
#8  
2-2<sup>s</sup>



#4  
#8  
2<sup>s</sup>

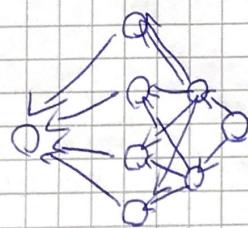


5-2

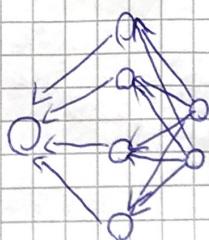
thin way graph

broad man eigentlich nur die gewöhnliche zu ja only

f hurt



f new



f mul

o o o o o

f id