Mittwoch, 29. Januar 2020 13:56



$$P(x/u_1) = \mathcal{N}(0, 1)$$

$$P(x/u_1) = \mathcal{N}(0, 2)$$

Assure also Symmetric losses no = Now and Nov = Now

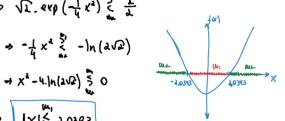
$$\Rightarrow \qquad \bigwedge_{M}(\kappa) = \underbrace{\rho(\kappa/u_1)}_{D(\kappa/u_2)} \stackrel{u_1}{\searrow} \qquad \underbrace{4}$$

$$-) \qquad \bigwedge_{1} (x) = \sqrt{d} \cdot \exp\left(-\frac{1}{4}x^{4}\right) \stackrel{\text{th}}{\stackrel{>}{\sim}} L$$

$$\Rightarrow \ln \sqrt{x} - \frac{1}{4} x^4 \stackrel{\text{u.}}{\underset{\text{u.}}{\stackrel{\sim}{\sim}}} 0$$



$$\nabla(x) = \frac{v(x)m^{2}}{v(x)} \leq \frac{y^{27} - y^{11}}{y^{17} - y^{27}}$$



Since we have given less pendly to misclassification of. cless 1, the range of X classifed as un has included

$$\nabla (x) = \frac{\int (x/m^r)}{\int (x/m^r)} \lesssim \frac{y^{g/} - y^{ff}}{y^{fr} - y^{gr}}$$

$$\Rightarrow$$
 $\sqrt{\lambda} \exp\left(-\frac{1}{4}x^{2}\right) \lesssim \frac{1}{0} = \infty$

it follows then that In all finite x

$$Ax = \int |x| < \infty$$

therefore, an ellipsys closse closs the which make sense, because we do not pendize muz clossifications of the pendize

(LRT for un and us

$$\Rightarrow \bigwedge_{i,3}(x) = \frac{p(x|w_i)}{p(x|w_3)} = \exp(-4x+4) \stackrel{w_i}{\geq} 1$$

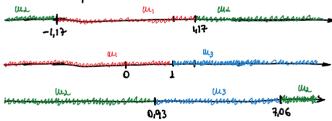
Defs define the last decision whe behaven 2,3

$$\int_{a_{1}3} (x) = \frac{\rho(x/w_{a})}{\rho(x/w_{a})} = \frac{1}{\sqrt{\lambda}} \cdot \exp\left(\frac{x^{2}}{4} - \lambda x + \lambda\right) \stackrel{\alpha_{1}}{\gtrsim} 1$$

WL: X<0,9363 , X>7,0637

Tagefor with the two other classifices:

introval representation:



Repuling classifier: (class with now vokes wins)

