Michine Jeanning [All 1] handwriting

$$y = (x) = \frac{1}{1+e^{-x}} \Rightarrow \delta(x) = (1+e^{-x})^{-1}$$
A prove $\frac{1}{2}\delta(x) \Rightarrow \delta(x) (1-\delta(x))$

"(hain $\frac{1}{2}\delta(x) \Rightarrow -(1+e^{-x})^{-2}x (-e^{-x}) \Rightarrow \frac{e^{-x}}{(1+e^{-x})^2} \Rightarrow 0$

(on be written as $\delta(x) = \frac{1}{1+e^{-x}} \Rightarrow e^{-x} = \frac{1-\delta(x)}{\delta(x)}$

$$\frac{1}{2}\delta(x) \Rightarrow \frac{1-\delta(x)}{\delta(x)} \Rightarrow$$

$$\frac{3}{3n} = \delta(w^{2} \varphi_{n})$$

$$L(w) \Rightarrow -\frac{2\pi}{2\pi} \left\{ y_{n} \ln(y_{n}^{2}) + (1-y_{n})^{2} \ln(1-y_{n}^{2}) \right\} \qquad \text{(BCEL'' furtion)}$$

$$21 \frac{1}{4V} \ln(y_{n}^{2}) \Rightarrow \frac{1}{y_{n}^{2}} \frac{1}{4V} \Rightarrow \frac{1}{y_{n}^{2}} \frac{1}{4V} \ln(1-y_{n}^{2}) \varphi_{n} \Rightarrow \frac{1}{y_{n}^{2}} \frac{1}{4V} \frac{1}{4V} \ln(1-y_{n}^{2}) \varphi_{n} \Rightarrow \frac{1}{y_{n}^{2}} \frac{1}{4V} \frac{1}{4V} \ln(1-y_{n}^{2}) \varphi_{n} \Rightarrow \frac{1}{y_{n}^{2}} \frac{1}{4V} \frac{1}{4V} \frac{1}{4V} \Rightarrow \frac{1}{1-y_{n}^{2}} \frac{1}{4V} \frac{1}{4V} \Rightarrow \frac{1}{1-y_{n}^{2}} \Rightarrow \frac{1$$