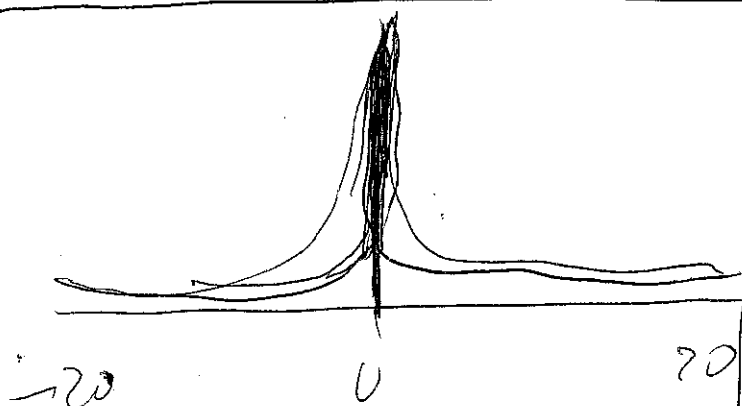


Error PDF pred

[0000 23432 0000]
0 4000
-20 0 20



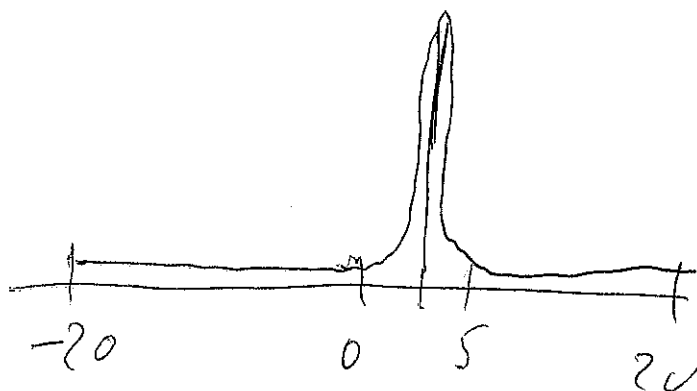
Error = 0

$$-\frac{(x - 0)}{(20)}$$

$$F = \frac{1}{\sqrt{2\pi(0.01)}}$$

Inputs \downarrow S-derivative mean \downarrow Real (0, 0.01) = 0.01

[0000 0000 0.30.400 0.600]
0 4000
-20 0 20



Error = 2.7

$$2.7 = F = \text{Lin} + \text{NonLin}$$

$$F = \frac{1}{\sqrt{2\pi(1)}}$$

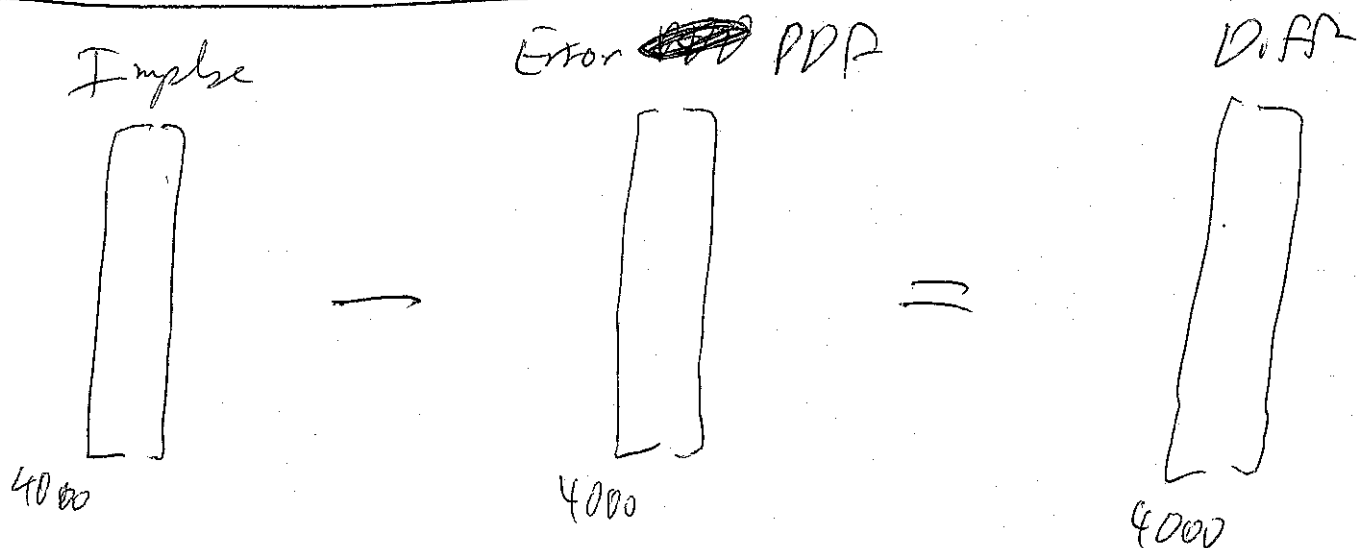
Error = real - target

range \rightarrow $\left[\begin{array}{ccc} & & \end{array} \right]$
 $\begin{array}{ccc} 0 & & 4000 \\ -20 & & +20 \end{array}$
 $\begin{array}{ccc} & ! & \end{array}$

Impulse
~~Impulse~~ $[0000 \dots 00023432 \dots 000000]$

Error PDP
~~Error PDP~~ $[0000000000000000.30.40.30000000]$

Normalize, standardize??



This is for ~~just~~ 1 error
 at 1 output - 1 real

$$\text{loss} = \text{mean} \left[(\text{D.A.F})^2 \right]$$

$$\text{D.A.F} = \sum_{0}^{4000}$$

$$\text{reg} = \text{loss}^2$$

$$\text{loss} = \text{loss} * (1.0 + \text{reg})$$

Imag

Real

$$\begin{matrix} n \\ \text{ } \end{matrix} \begin{matrix} 0 \\ \text{ } \end{matrix} \begin{bmatrix} \text{ } \\ \text{ } \end{bmatrix}$$

2

$$\begin{matrix} 0 \\ \text{ } \end{matrix} \begin{bmatrix} \text{ } \\ \text{ } \end{bmatrix} \begin{matrix} n \\ \text{ } \end{matrix}$$

2

Imag

Real

diff

$$\begin{bmatrix} \text{ } \\ \text{ } \end{bmatrix}$$

2

-

$$\begin{bmatrix} \text{ } \\ \text{ } \end{bmatrix}$$

2

=

$$\begin{bmatrix} \text{ } \\ \text{ } \end{bmatrix}$$

2

Why not this instead?