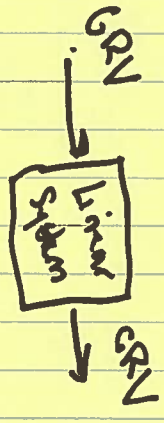
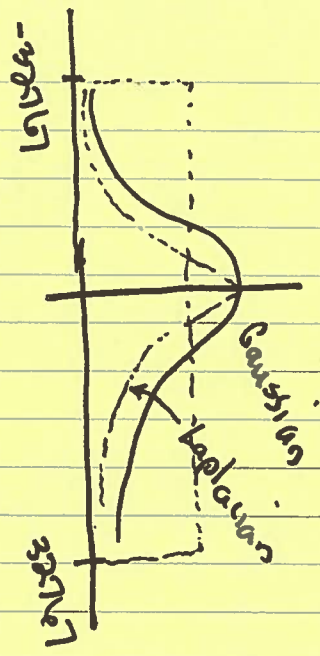


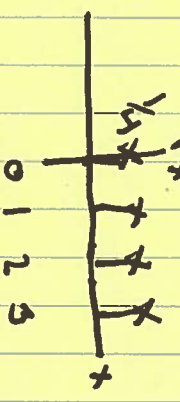
Lecture 11

x_{in} : 16 bits



only fun for constraints!

"pdf in pdf" \otimes $h(x) \Rightarrow$ "pdf out"



$$p_{out}(x) = \sum x p_{in}(x) = (0)(x_0) + 1(x_1) + 2(x_2) + 3(x_3)$$

$$= 1.5$$

Note: the number 1 occurs

$$y(x) = x(x) + b$$

$E[y(x)] = b$ assuming

$$E[x(x)] = 0$$

