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	EXILI NAVO LOGICI DO O O O O O O O O O O O O O O O O O O
	Ceiven a perception & (A,B) = ) 1 if wa A + wa B + b > c
	We can take [ws=wa=-1] and [b=2]
	In that case \$(0,0): 2>0 > 100,0)=1
	{(0,1): -1-2-1>0 = {(0,1)=1
	$g(3,0): -1+2-3>0 \Rightarrow g(3,0)=1$
	\$(1,0); +1+1+2=0 => \$(1,1)=0
	Ex 1.2) We can represent a 4x4 DCT transform by using
	one convolutional Kernel of size 1x4 (without bias term)
	for each element of the DCT basis
	Since the input is a gray rate image, we need 16
	filters of size 4x4.
	Ex 1.3/ fr = a (Wx +3) WER 1x3, 5 sigmoid
	$3(2) = \frac{1}{1+e^{-2}} \qquad 3(2) = \frac{e}{(1+e^{-2})^2} = \frac{1}{(1+e^{-2})} = \frac{e^{-2}}{(1+e^{-2})} = \frac{1}{(1+e^{-2})} = \frac{1}{(1+e^{$
	3(2) (7-9(21) .In the vectoral cose 3(2)(1-9(2)) T
	a) 35: 32: 33:= 3(Wx+b): (1-g(Wx+b)i) xj;
	1) 01 = 05 05 = 3(mx+p)(1-3(mx+p))
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	$\begin{vmatrix} 3x & 3y & 2y \\ 3y & 3y & 3y \\ 3y & 3y & 3y \\ 3y & 3y &$
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