



















Example data for NN with hidden layer					
18 bits a 8 binary offputs					
A target function:					
$ \begin{array}{c c} \text{Input} & \text{Output} \\ 10000000 \rightarrow 10000000 \end{array} $					
$01000000 \rightarrow 01000000$					
$\begin{array}{cccccccccccccccccccccccccccccccccccc$					
$00001000 \rightarrow 00001000$					
$\begin{array}{rcrcrcrcrcr} 00000100 & \rightarrow & 00000100 \\ 00000010 & \rightarrow & 00000010 \end{array}$					
$00000001 \rightarrow 00000001$					
Can this be learned??					

Learned weights for hidden layer					
A network: A netw					
Learned hidden layer representation:					
	Input	Hidden	Output		
		Values			
		→ .89 .04 .08 -			
		→ .01 .11 .88 -			
			> 00100000		
	00010000 - 00001000 - 00001000 - 00001000 - 00001000 - 00001000 - 00001000 - 0000000 - 00000000				
	00001000 -				
	00000010 -				
	00000001 -	이 여행되었는 영양성장이 전망했다는 것	→ 00000001	14	











































