

Ques	tion 3						
	WEIRKXD						
	0 0	0					
	0	0					
	h e i R N	0					
	× € IR <sup>0</sup>						
	h = g(Wx) = (Wx)	<sup>2</sup> a quanamos escraver	h= A <sub>Θ</sub> Φ(x), em c	jue (1) é uma hamsti	armação de x tal que 4:	$1R^{0} \rightarrow 1R^{\frac{D(0+1)}{2}}$ ( inclupe	nde de 8) , e
	m que A <sub>8</sub> ∈ IR <sup>K ± 2</sup>						
	1 D	*1	1 0(0+1)		,		
	W = w, w <sub>D</sub>	x = : A	e =	Φ(*)=			
	[1]	K 20 ]			<u>D(9+1)</u> 2		
	. /[ ][	]\ <sup>2</sup> / [w <sub>4</sub> x.]\ <sup>2</sup>					
	K × 0 0 × 1 W X						
	K x B D x 1 W X	MAR OF SIAR SUID					
	$(\omega_K \pi)^2 = (\sum_{j=1}^b \omega_{K_j} \pi_j)^2$	$= \sum_{j=1}^{D} (\omega_{N_j} x_j)^2 + 2 \sum_{j=1}^{D} \sum_{i=1}^{j-1} (\omega_{N_j}$	x <sub>j</sub> )(ω <sub>Ki</sub> x <sub>i</sub> ) = Σ (ω <sub>Kj</sub> x <sub>j</sub>	) <sup>2</sup> + 2 ∑ Σ ( ω <sub>κ</sub> <sub>j</sub> ω <sub>κί</sub> ) (	. <b>n</b> j n; )		
	h= [ ][	a <sub>1</sub> \$(%) ]					
	k =	_ α <sub>K</sub> φ(χ) _					
	A <sub>Θ</sub> Φι	x)					
		$(x_j) = \sum_{j=1}^{D} (\omega_{k_j} x_j)^2 + z \sum_{j=1}^{D} \sum_{i=1}^{j-1} (\omega_{k_j} x_j)^2 + z \sum_{j=1}^{D} \sum_{i=1}^{D} (\omega_{k_j} x_j)^2 + z \sum_{j=1}^{D} (\omega_{k_j} x_j)^2 + z \sum_{j=1}^{D$					
	$GK \Phi(x) = \sum_{i=1}^{j=1} \sigma^{ki} \Phi_i$	$(x_j) = \sum_{j=1}^{2} (\omega_{K_j^2} x_j^2) + 2 \sum_{j=1}^{2} (\omega_{K_j^2} x_j^2) $					
		j=4 **N j=1 i=1	) ***				
	. Codea je i dos	s somatónias convenpandem a	um elemento de a <sub>K</sub> (	e outro de O(x)			
	Quanamos dafini	in ax e p(x) tal que a	aeu produito interno e	iĝ o somatúnio → coda	entrada é cada elemen	to somodo x cudem	
	<b>α</b> κί <b>e</b> Φ( <b>κ</b> ί)	são trados extraindo o	mesmos (noticus do s	omatálio			