

	Аргох. 1			eż-10 4	4q = (×4	Z Aprox.	
$I_{\mathcal{K}} = I_{\mathcal{K}}$	-1 + ×k	- 1 . 7	-J _K = -	² K-1 + XK			
				•	-X = -X.	-1 + (×x.	2
\ √2(₹) =](2). Ž	1+ x(5)	. \$\bar{z}^1. \tau				
J(2)	2(2).ē ¹ (1-ē ¹)	- X(Z)	(2). 2 ¹ .7	7			
1(z) ×(z)		-1. T 1-2-1)	_ =				
2(2) X(2)	. = _	7 2-1	_5	5	<u> </u>		_5
	•		ی ک	= _	2 -1		
					7		
$2_{k} = 2_{k}$	4						
2/z) = 2/z 2/z)(1-)	(z).T X(Z).T					
<u> </u>	= <u></u>	7 1-2-1)	2-		: 5=	2-1 T2	

$$\frac{3(2)}{3(2)} = 2(2) \cdot \frac{2}{2}^{1} + (x/2) + x(2) = \frac{1}{2}^{1}) \quad T$$

$$\frac{3(2)}{3(2)} \cdot (1 - \frac{1}{2}^{1}) = x(2) \cdot (1 + \frac{1}{2}^{1}) \cdot T/2$$

$$\frac{2(2)}{x(2)} = \frac{(1 + \frac{1}{2}^{1})}{(1 - 2^{1})} \cdot \frac{T}{2} = \frac{T}{2} \cdot \frac{2 + 1}{2 - 1}$$

$$\frac{3}{7} \cdot \frac{2 + 1}{2 + 1}$$

$$\frac{2}{7} \cdot \frac{1}{7} \cdot RC + 1 \quad RC + 1$$

$$\frac{2}{7} \cdot \frac{1}{7} \cdot RC + 1 \quad RC + 1$$

$$\frac{2}{7} \cdot \frac{1}{7} \cdot \cdot \frac{1}{7$$

$$\frac{1}{\frac{2-1}{7e}} + 1 = \frac{7e}{2-1} + \frac{7e}{2(1+7)-1}$$

$$\frac{2-1}{7e} + 1 = \frac{7}{2-1} + \frac{7e}{2(1+7)-1}$$

$$y(e)/x/e) = \frac{7}{(1+7)-2-1} \Rightarrow$$

$$-y(x-1) + y(e)(1+7) = x(e).7$$

$$y(k) = x(k). \frac{7}{1+7} + y(k-1) = \frac{1}{7+1} ... fix ho$$

$$\frac{2}{7} = \frac{2-1}{2+1} + 1 = \frac{2}{7}(2-1) + 2+1$$

$$= \frac{2+1}{(7+1)^2} + (1-2/7) = \frac{2}{(2/7+1)} + (1-2/7) = 1$$

$$y(e)/x/e) \Rightarrow y(e). (2/7+1) + y(e). \frac{2}{5}(1-2/7) = x(e) + x(e). \frac{2}{5}(1-2/7) = x(e). \frac{2}{5}(1-2/$$

	1		7		1			
				Ju				
(a)	y(K) = esente	y(K-1) passa	- 7 y(K-1) acb) + T X(K	(-1) —	filtr	o (sn	0
(2)	y(K) =	x(K).	7 /+7	+ y(*	(-1) 1 7,	···)	fil ho	
(3) Y(K)	(2/7+	<u>1</u> . ×	((K) +	1 2/7 +11)	_ X(K-1	$()-\frac{(9)}{(9)}$	1-2/1) +2/1)	y(K-1)
				(·) (·)				
0	Begra	u (f	rausi foi	(ح				