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TRANSFORMADAS DE FOURIER MATRICIAL											
$X(\Omega) = [1, 8, 3, 1, 0, 1, 8, 6]$											
X(K) = \(\frac{1}{20} \text{ x(U)} \) \(\frac{1}{20} \) \(\frac{1}{											
X(K)= 050											
$W_{8}^{(0)(0)} = \frac{32\pi(0)(0)}{8} = \cos(\frac{2\pi(0)(0)}{8}) - 5\cos(\frac{2\pi(0)(0)}{8}) = 1 - 0 = 1$											
$W_8 = (05) \left(\frac{2\pi(0)(1)}{8} \right) - 3590 \left(\frac{2\pi(0)(1)}{8} \right) = \frac{12}{2} - 3\frac{12}{2}$											
0		0 0	1 -		K						
0	Wews	2 3 W8 W8 U	الألاق ال	บริเบริ	1 8						
1	up up	wawac	บฮิเบียง	ยื่นเรีย							
2	ng mg	พลิพลิแ พลิพลิแ	18 15	N8 8	3	-					
3	N8 N 8	0 8 0 8 u	18 W 811	24 28	0						
5	10 5 M8 M8	10 15	20 25	30 32	11						
5 28 25 26 26 26 26 26 26 26 26 26 26 26 26 26											
7	11848	4 4 W 8 W 8 W	18 35 08 W 4	180 8	[5]						
	0		2	13	4	, 5	6	7	r 7		
0	1	1	1	1	1	1	1	1	(1)		
, 1	1	三元元	-3	を言うこ	-1	をする	3	2112	8		
2	1	-j	-1	+j	1	-j	-7	j	3		
3	1	120年	ĵ	2-12	-1	豆ガ豆	-3	を対え	11		
4	1	-1	1	-1	1	-1	1	-7	0		
5	1	医拉克	-3	区が定	-1	2-12	j	をうえ	1		
6	1	5	-1	-0	1	3	-7	-5	8		
7	1	2+0-2	j	を記る	-1	を記る	-5	575	[5]		

$$\begin{array}{l} X(n) = [1,8,3,1,0,4,8,5] \\ X(1) = (1)(1) + 8(1) + 3(1) + 1(1) + 0(1) + 1(1) + 8(1) + 3(1) = 27 \\ X(1) = 1(1) + 8(\frac{5}{2} - 3\frac{5}{2}) + 3(3) + 1(\frac{5}{2} - 3\frac{5}{2}) + 0(-1) + 1(\frac{5}{2} + 3\frac{5}{2}) + 8(\frac{7}{2}) + 8(\frac{7}{2$$