ECE 4554 / 5554: Computer Vision: Homework 2

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Program : MS (CPE (Non-Thesis)
Pooblem	1: Solution:
a) g	
0	-2 5 8 2 4
	0 6 0
	Padding g with the required number of O's
1	0-2 5 8 0 2 4 0x2-1x4
	similarly move h.
	the othy values.
7 10 10 10 10 10 10 10 10 10 10 10 10 10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	0 18 6 0 \ \[\begin{array}{c c c c c c c c c c c c c c c c c c c
b) h⊗	$g = \begin{bmatrix} 1 & 3 & \otimes \end{bmatrix} + \begin{bmatrix} -1 & -4 & 7 \end{bmatrix}$
	$g = \begin{vmatrix} 1 & 3 & \otimes & -1 & -4 & 7 \\ 2 & 4 & -2 & 5 & 8 \end{vmatrix}$
	0 6 0
	Padding he with the required number of 0's,
	0 10 10
	= [0;00,000 -1 -4 7]
	[0:00:000 -2 5 8
	10:01:3:00 8 060
	002400
	00000
	000000
	TO 6 18 0 7
	= 8 41 37 -6
	23 59 3 -11
	14 20 -18 -4
THE PARTY NAMED IN COLUMN TWO	









