		5
N N		2
	Krum Quizhpi Hw2 Problem 2	-
		5
	In this problem we are transforming a side view of a bill board to a frontal view	2
	a side view of a bill board to a remove view	
	Each point of in the original is related to p'	
-	Fach point p in the original is related to p' in the frontal view by a homography H	
		THE
1 1	Tx' TH Hu HT TVT was the account	
	P' = Y' = 11 Y prints	
	$P' = HP$ where $x, y$ $X'$ $Y' = H_{out} H_{out} H_{out} H_{out} I_{b}$ $Y' = H_{out} $	
		4
	Through moltipliation of division of w' we will arrive at a	-
	we will assive at a	FF
5	· Ag = 0 forn	A
	where $t = 2Nxel$ montrix, $N = Hot points$	#
		FF
<u></u>	-x -y -1 0 00 x'x x'y x' 0 00 -x -y -1 y'x x'y y'	
	and of is a vectorized version of own H maitrix	- 4
	,	Ü
	To final It we find the SVD of A, 8x4	0
	The 19st column of Vis our Homesgraphy matrix	9