1.9 Pixel size of 1st Image - 0.5 x0.5

Pixel size of 2nd image - 0.25 x0.25

we see that the pixels in the second image are proportionally smaller in both the dimensions by the same amount and thus we must try to scale the image I about the origin by a factor of two to allow it to align with the sample less lution

so if we have the image is as lev we must multiply each bixel by the scaling matrix I given by

0 2 0

This is to just match the number of pixels in Iz with that of I,

Then we identity the control points in lower resolution image which is 0.5x0.5 and then compare it to the corresponding pixels in the largerer resolution image viz a 25x0.25 and we affine transformation

	M T W T F S S Page No.: Date: YOUVA
	p. Pixel image of 2nd image - 0.25 xo.5
Toda ?	Here we must see that pixels in the 1st
-	dimension of 2nd image is smaller by a
	factor of 2 Thus we must scale dolpon the
	first image having 0.5x0.5 pixel 3ize to
10 to	onatch the no. of pixels in 0.25 x 0.5
pixel	size
312	size we multiply in by matrix
67	Enorge so TENT 2000 of Reinval and and some
	O Q O DELLA COLOR COLOR DELLA
X.5	is established and south out
Sids a) s	Then as we did in 1st part, we identity
2) 2)	control points in both the images and
	use affine transformation
	21× (14-122) -21×-4=2 = 2A