CPSC 314 Computer Graphics

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homogeneous transforms, rotation

Announcements

- Quiz 1 graded will be available using cs handback, approx. Wednesday. Details on Wednesday.
- Assignment1 results will be available on Connect on or after Wednesday
- Assignment 2 available later this week.
- Today:
 - Essential math for graphics (read Textbook Chapter 2.5)

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Tranforms,	, Rotations
September 25, 2017 9:59 AM Recy: Ho	morene ens coardinatos
	morene us coardinatos in m dimension, use n+1 numbers
	to give counds to both points a ve trans
T ₂	Vansformatius 4×4 matrices
. A	ffine transform A =
	Lis any normoula (investible) 3×3 matrix
. 5	pecial cases - I death, L = I 3x3
	- Translatus A = [Tryt]
*6	- Scaling A = [xpx]
	- Reflections about different plane
>	- Rotations
& Robations	in 2D fuence frame b = (6, 6, 6)
	b2 peint vectors, point
	be orthogonal





