CPSC 314 Computer Graphics

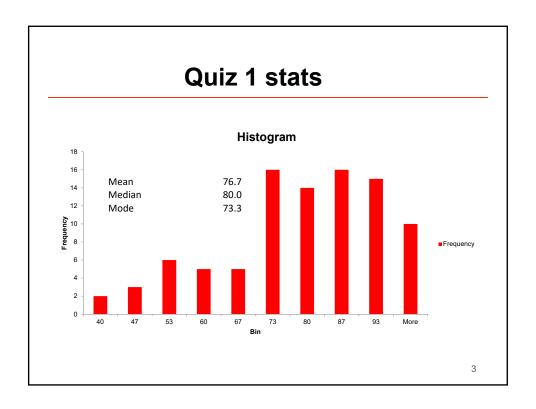
Dinesh K. Pai

Frames in Graphics

Announcements

- Quiz 1 handback now available.
- Assignment 2 available soon, possibly this weekend.
- Homework for today:
 - Read textbook Chapter 5

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Quiz 1 handback

- Scanned exam books are now available here https://www.ugrad.cs.ubc.ca/~cs314/handback/
 Login with your cs id
- Grades will be uploaded to Connect in a few days

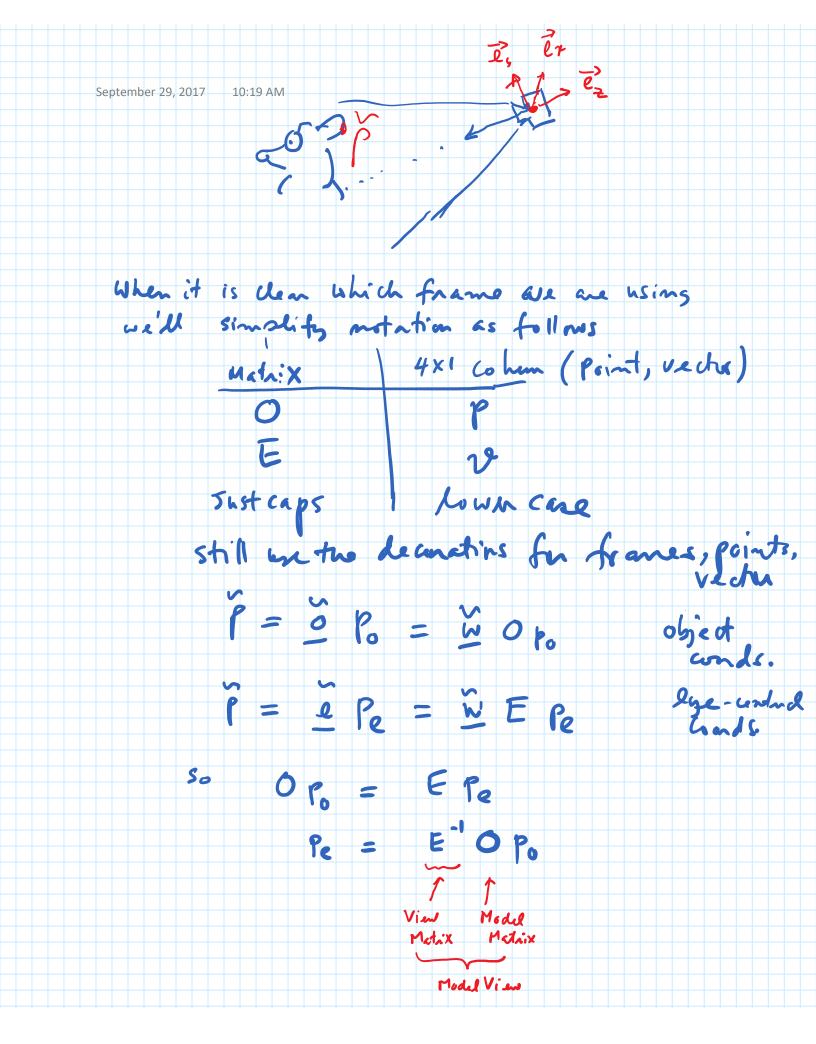
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Frames in Graphics (chap. 5) September 29, 2017 10:04 AM Basic Recipe

P = 3 Pb = 5 Pa = 5 A Pa

b A

11.88 4 A The point is the same, neg andless of the free Convert condinates into the same frame before you compute Currency andosy of a frame \$25 = £20 = \$A20 & Classic frames In graphics (within tales) Would for wo some Object frame o Fixed to an object positions are defined v. A.t. a syn: model frame <u>8</u> = <u>8</u> <u>8</u> Eye frame e Fixed to the eye/camera Convention in graphies: View frame y-axis is "ap" & = W E Camera frame



September 29, 2017 10:42 AM How to transfer object about an auxilian frame Read Sec. 5.2 of book want to apply a transform about m = w M p = m Pm, convert to world frame and the back To be continued