

Today	2
 Introduction and Course Overview Assignments AS0 and HW1 	

* Computer Graphics: • Using computers to generate and display images • Issues that arise: • Modeling • Rendering • Rendering

Animation
Perception
Lots of details...

 Computer Graphics
 4

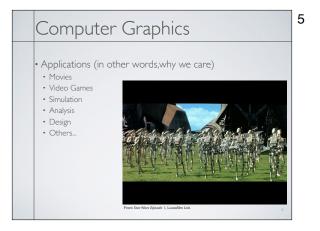
 • Applications (in other words,why we care)
 •

 • Movies
 •

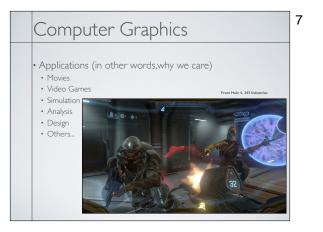
 • Video Games
 •

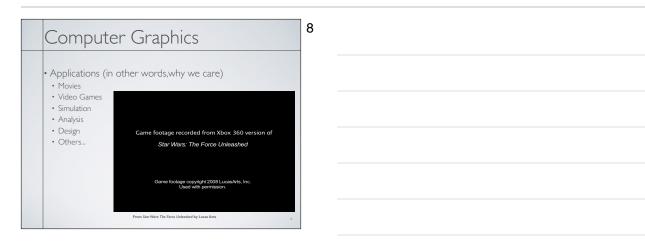
 • Analysis
 •

 • Design
 •



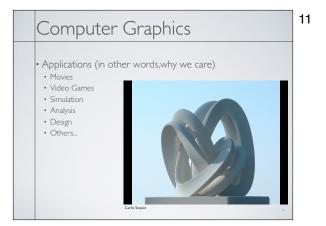




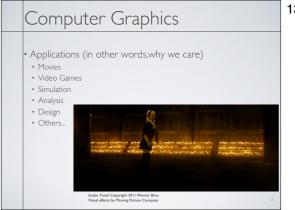












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13		

Course Topics	14
Image representation and manipulation	_
• 2D and 3D drawing algorithms	
Object representations	_
• Rendering	
Animation	_
Interaction techniques	
	_
	14

People	15
$\begin{tabular}{ c c } \hline \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline \\ \hline & & \\ \hline \hline \hline \\ \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \\ \hline \hline \hline \hline \hline \hline \\ \hline \hline$	
Send class related email to <u>cs184@imail.eecs.berkeley.edu</u>	

Contact Information	16	
 Class web site: http://inst.eecs.berkeley.edu/~cs184 Handouts assignments, etc. will be posted there Lecture notes posted there (<i>hopefully</i>) before classes Discussion group: Piazza discussion group https://piazza.com/berkeley/fall2014/cs184/home Not reading discussion groupbad idea Staff email addresses, office hours, etc on website 		

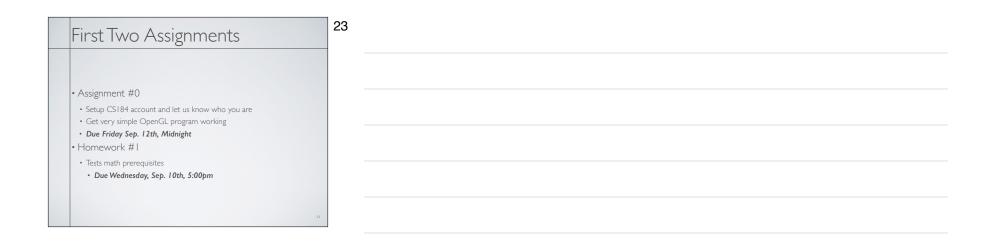


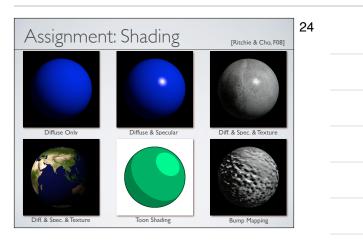


Grading	19
 Assignments: 40% Mix of written and programing Average 2 or 3 weeks to do them Midterm: 30% Monday, October 20, 2:30pm - 4:00pm Final: 30% Thursday, December 18, 3:00pm - 6:00pm 	
• Check <i>now</i> for conflicts!	3

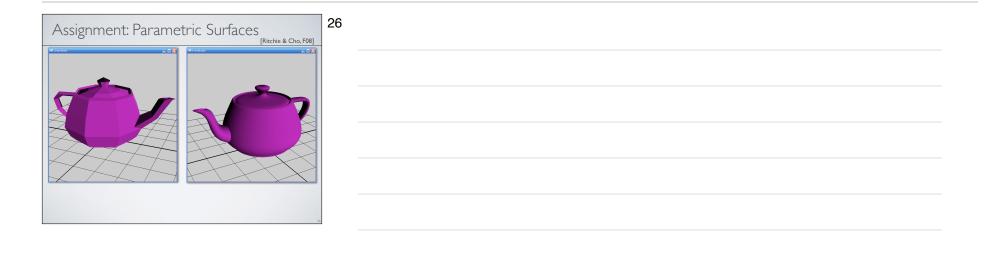
Waitlist	21
• Quite a few people will drop • Hopefully everyone will fit	

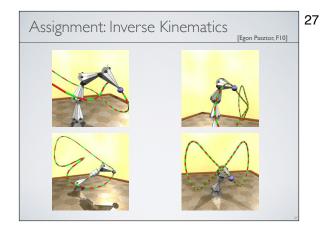
Class Participation	22		
• Reasons to participate			
More fun for me and you			
You learn more			
• I won't give stupid little annoying quizzes in class			
How to participate			
Ask questions			
Make comments			
Stupid questions/comments			
• That's okay			
	22		





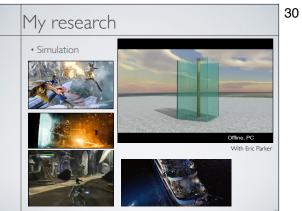






Academic Honesty	28		
 If you use an external resource cite it clearly! 			
• Don't do things that would be considered dishonest if in doubt ask.			
 Cheating earns you: An 'F' in the class and Getting reported to the University No exceptions. 			
20			

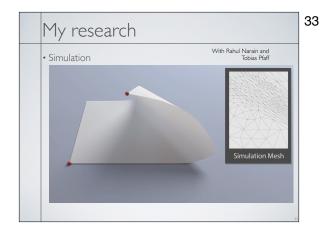
Questions?	29	
2		

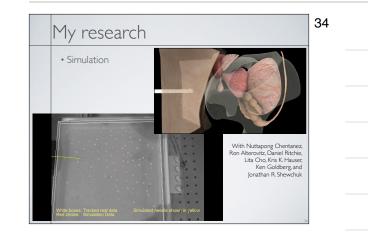




My research	n	31		
• Simulation				
	Cloth Draping			
With Huamin Wang and Ravi Ramamoorthi				

research	32	
ation With Rahul Narain and Armin Samii		
Adaptive Anisotropic Remeshing for Cloth Simulation Rahul Narain, Armin Samii, James F. O'Brien University of California, Berkeley SIGGRAPH Asia 2012		





01-Introduction.key - September 2, 2014



My research • Forensics With Hary Fard	36

