

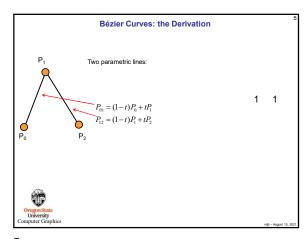
 Keyframing
 3

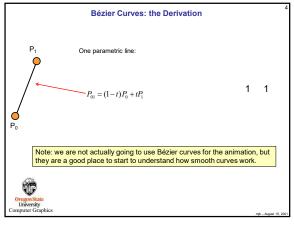
 Keyframing involves creating certain key positions for the objects in the scene, and then the program later interpolating the animation frames in between the key frames.

 In hand-drawn animation, the key frames are developed by the senior animators, and the in-between frames are developed by the junior animators.

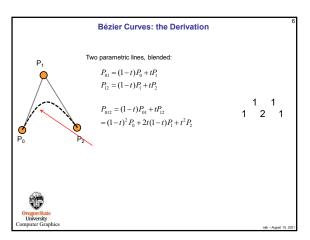
 In our case, you are going to be the senior animator, and the computer will do the in-betweening.

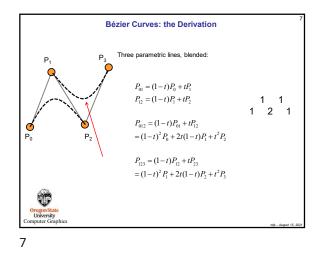
 But, first we need to look into the mathematics of smooth curves ...

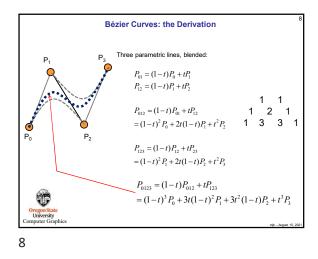


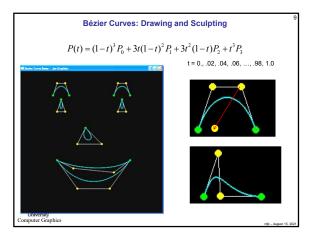




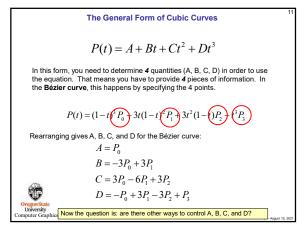


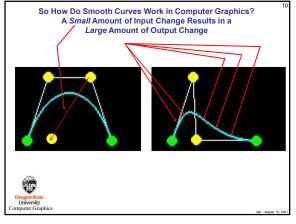




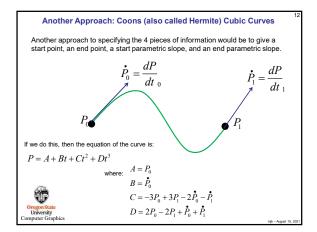






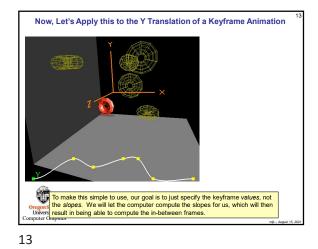


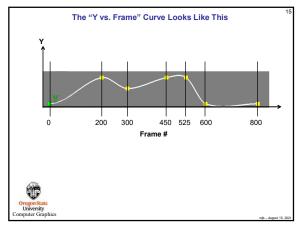




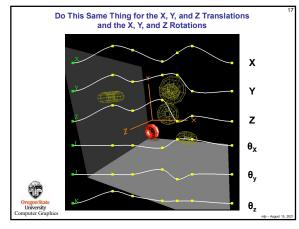


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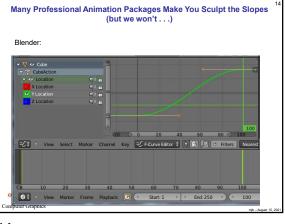


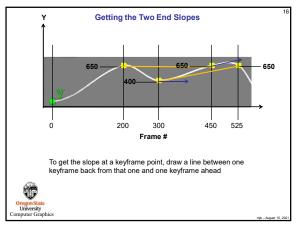




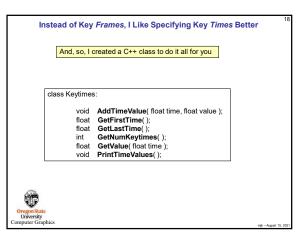








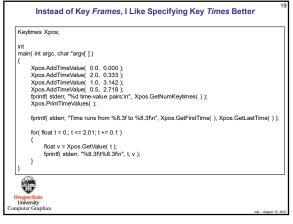




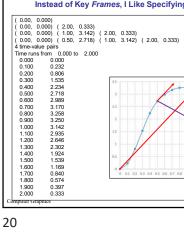


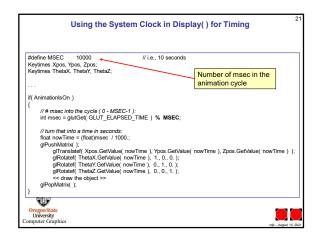
Instead of Key Frames, I Like Specifying Key Times Better

1 11 12 13 14 15 16 17 18



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