Animation According to Webster The state of being full of movement "Animated Cartoon" A film made from many drawings. Each drawing involves a change of position in characters or objects. Rapid projection makes the motion appear fluid.









Specifying Motion

- Procedural each motion parameter is described as a function of time
- Representational
- Articulation object hierarchy
- Deformation soft object
- Stochastic random variables and processes
- Behavioral rules decide next motions

Key Framing Classic approach Story board is developed Key frames are identified and drawn In-between frames are interpolated Modern variant Morphing – transform one shape into another









- One shape is transformed into another
- Ultimate issue: Path each vertex follows
- Problem: Not all images have the same number of vertices
- Dummy vertices need to be added to one of the key frames

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