

# Last Time?

- Architectural Rendering
- Reading for Today
- Line Drawing
- Pen & Ink / HatchingTechnical Illustration
- Painterly Rendering



## **Final Project Presentations**

### • Presenters:

- Summarize prior work as necessary
- Be technical: What were the challenges? How did you solve them?
- $\ Live \ demo$  / video / lots of images
- Teams of 2: All should present & make it clear who did what
- Practice! & time yourself!
- Rest of Class:
  - Attendance mandatory, start at 2pm sharp (please don't be late)
  - No laptops allowed during your classmates' presentations
  - Ask good questions (participation grade)
- Final Project Grade:
  - Report: 20 pts
  - Presentation: 10 pts (instructor: 5 pts, peer average: 5 pts)

Final Presentation Schedule				
Tues. April 21 1. Cody & David 2. Jeff 3. Josh & Jon Z. 4. Chris J. & Jarrett 5. Jeremy Total ti 14 mir	<ul> <li>Fri. April 24</li> <li>1. Joseph &amp; Atira</li> <li>2. Chris L. &amp; Devin</li> <li>3. Sean</li> <li>4. Luke</li> <li>5. Abhishek &amp; Taro</li> <li>6. Allan</li> </ul>	Tues. April 28 <ol> <li>Yi Xiang</li> <li>Patrick</li> <li>Jon C.</li> <li>Eric &amp; Andrew</li> <li>Justin &amp; Mike "Z"</li> <li>Greg</li> <li>Corey</li> </ol>		

### Today

- Texture Tiling
- Texture Synthesis Challenge
- Markov Model
- Constrained Texture Synthesis
- Image Completion
- Wang Tiles for Texture Synthesis
- Volumetric Texture Synthesis

# Texture Tiling • Specify a texture coordinate (u,v) at each vertex • Canonical texture coordinates $(0,0) \rightarrow (1,1)$ (1,1) (1,1)

seamless tiling (repeating)

tiles with visible seams



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Questions?		

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# Image Inpainting"Image Inpainting", Bertalmio,<br/>Spiro, Caselles & Ballester,<br/>SIGGRAPH 200



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Slide from Rob Jagnow

