

3D Texture Mapping

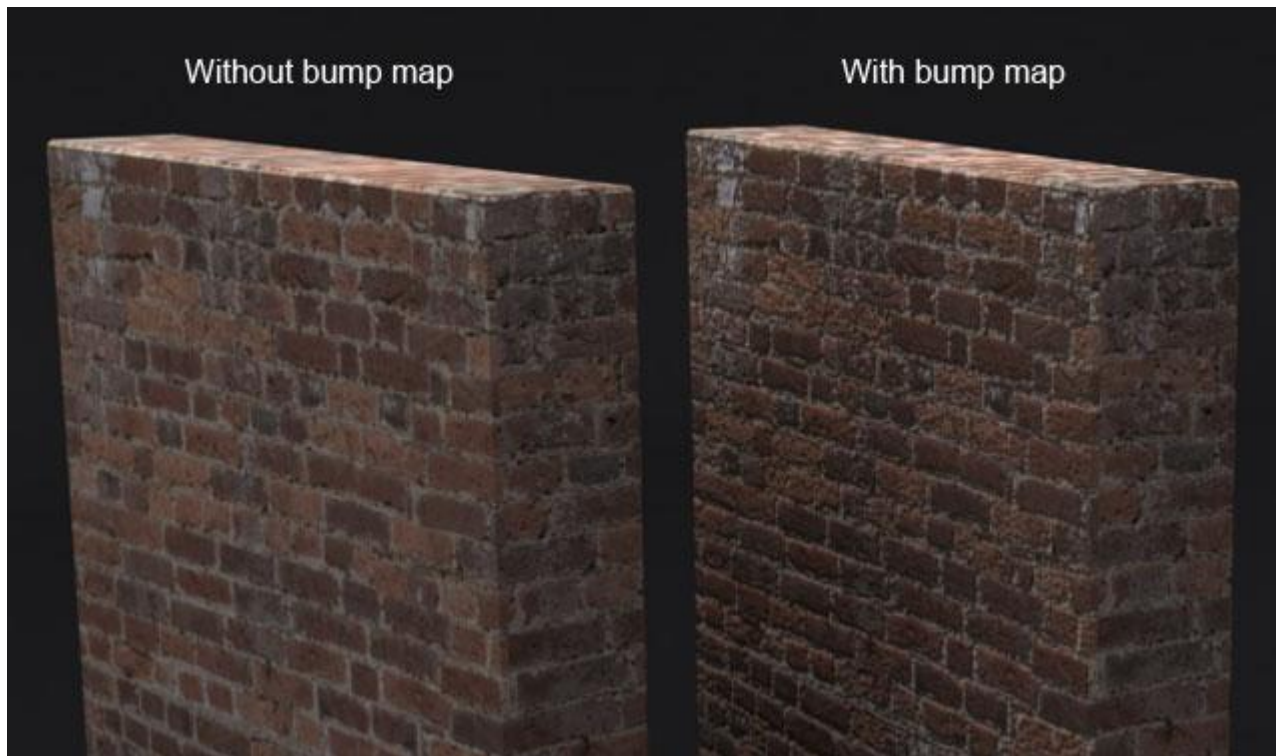
Nicola Fratchesen

Natalie Rumak

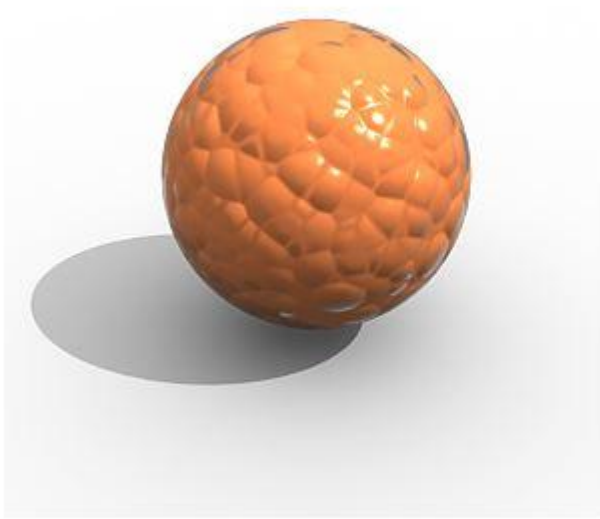
Xiaoxi Zheng

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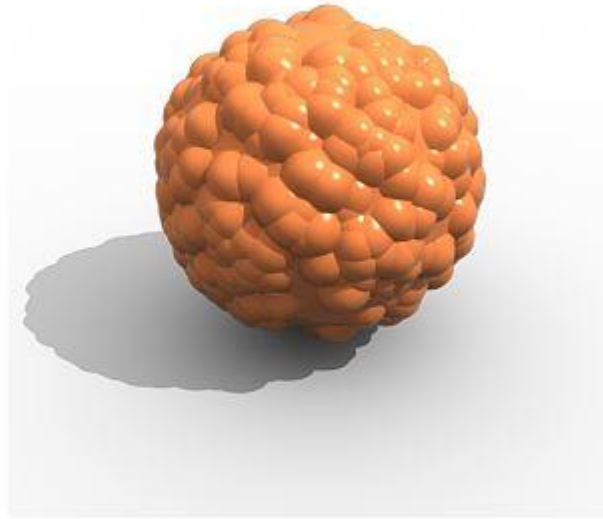
Bump Mapping



Displacement Mapping



Bump mapping



Displacement mapping

Relief Mapping



(a)



(b)



(c)

Figure 19: One polygon rendered from the same viewpoint using three different techniques: (a) Bump mapping, (b) Parallax mapping and (c)

Normal Mapping

