

Transparency and Translucency in Visual Appearance of Light-Permeable Materials

Davit Gigilashvili and Tawsin Uddin Ahmed

Department of Computer Science, Norwegian University of Science and Technology; Gjøvik, Norway

Supplementary Material 1

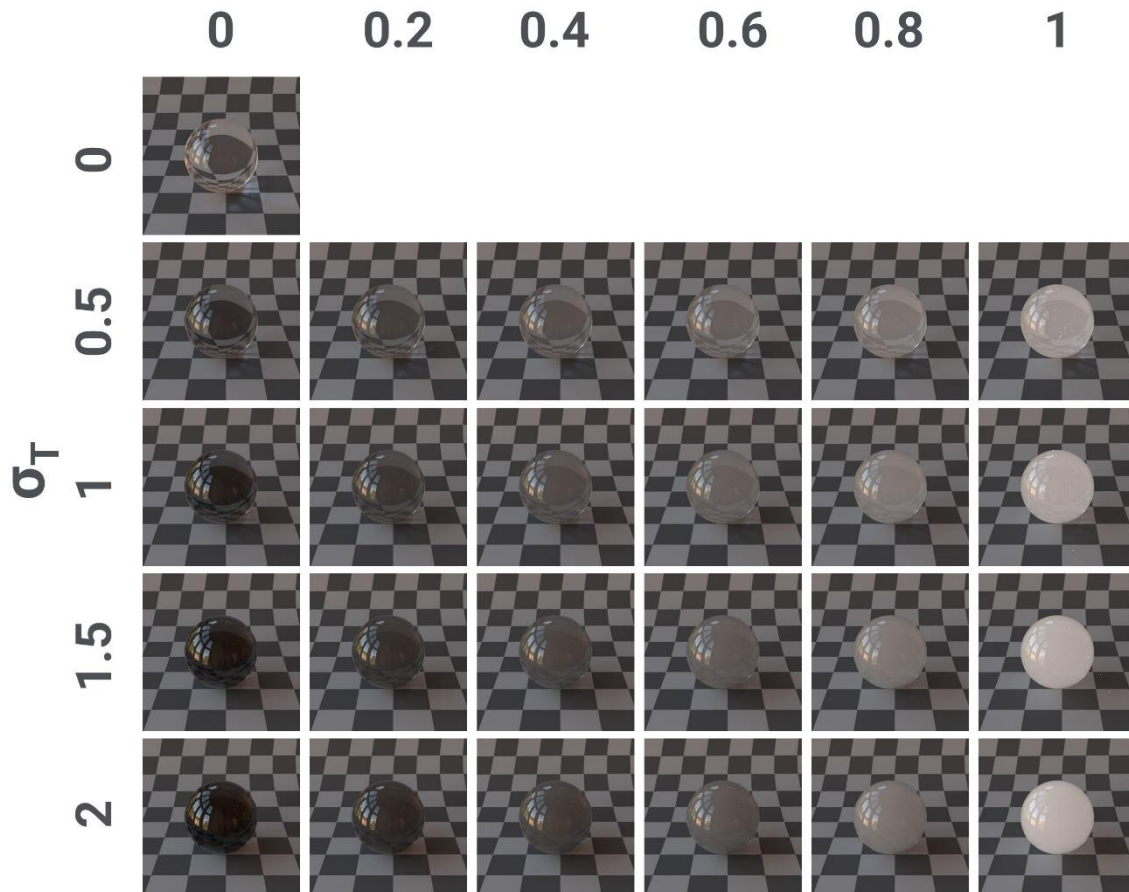
Visual Stimuli Used in the Experiments

Below we provide low-resolution images, and demonstrate how different optical properties affected appearance. Full resolution images can be found in **Supplementary Material 1B**.

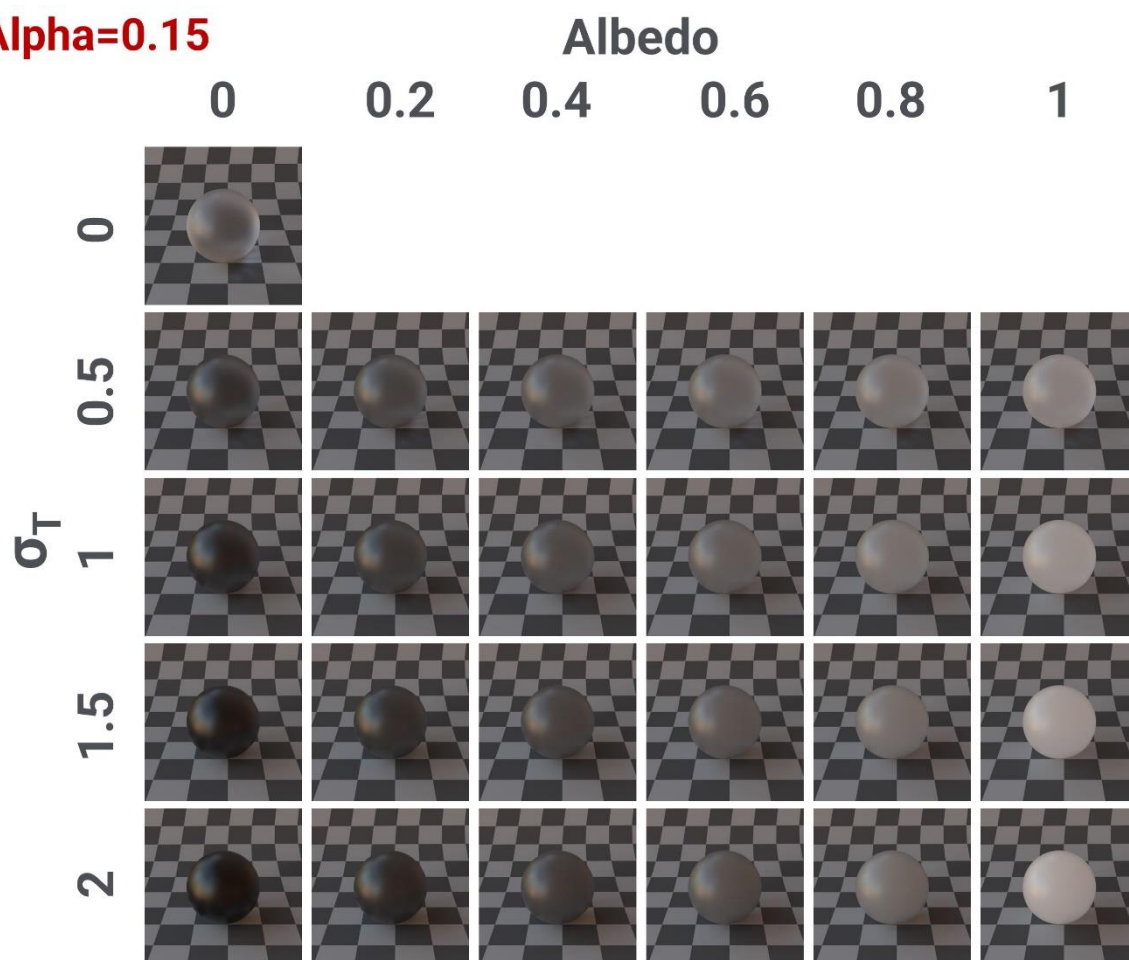
How extinction coefficient and albedo affect appearance

Alpha=0

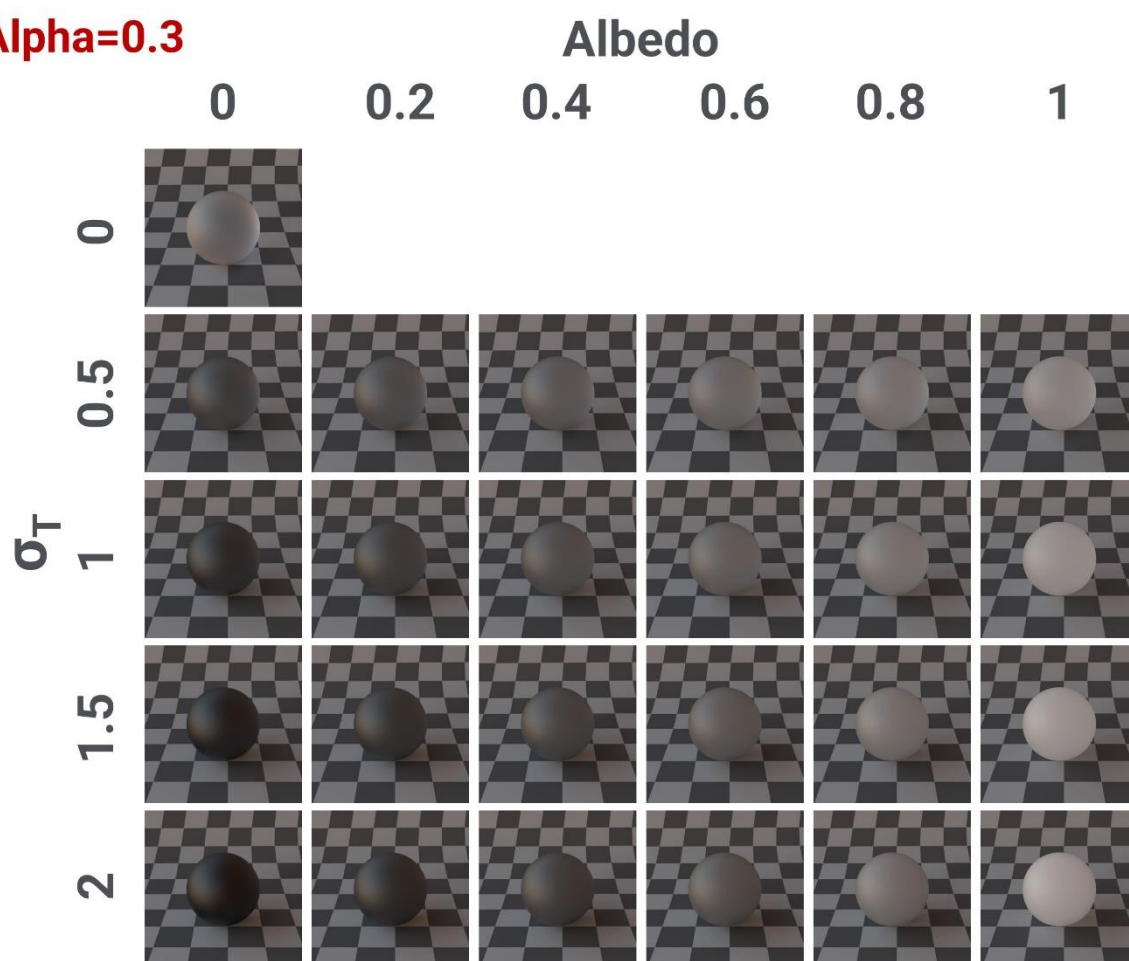
Albedo



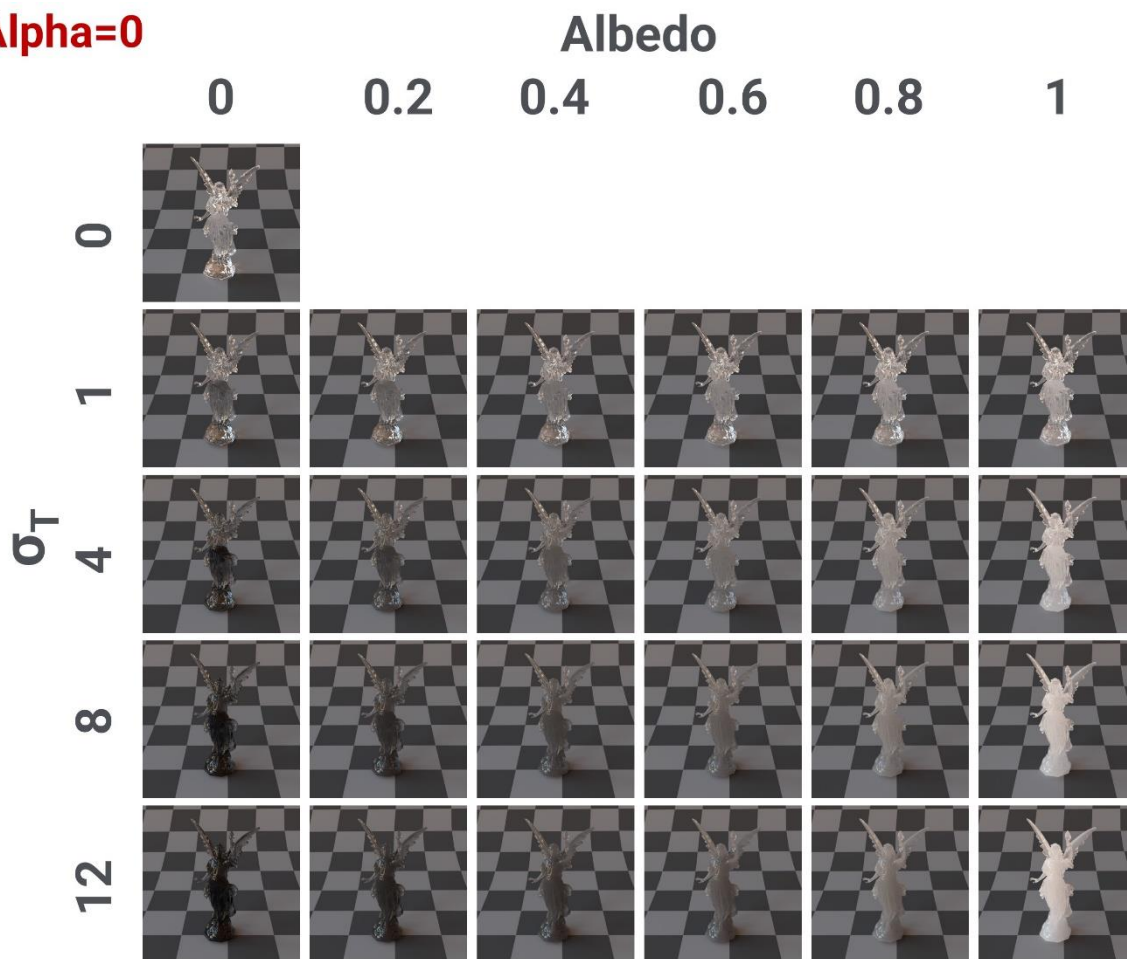
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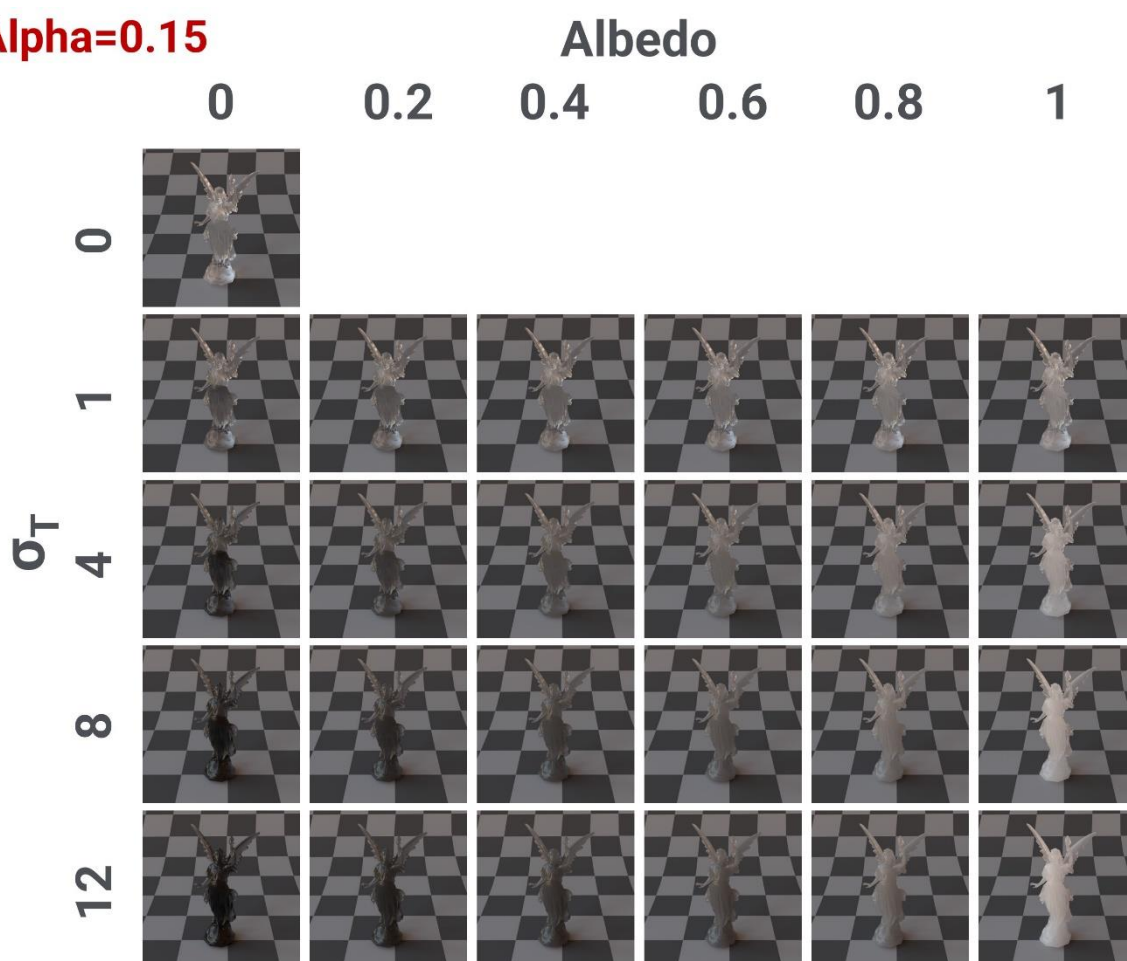
Alpha=0.3



Alpha=0

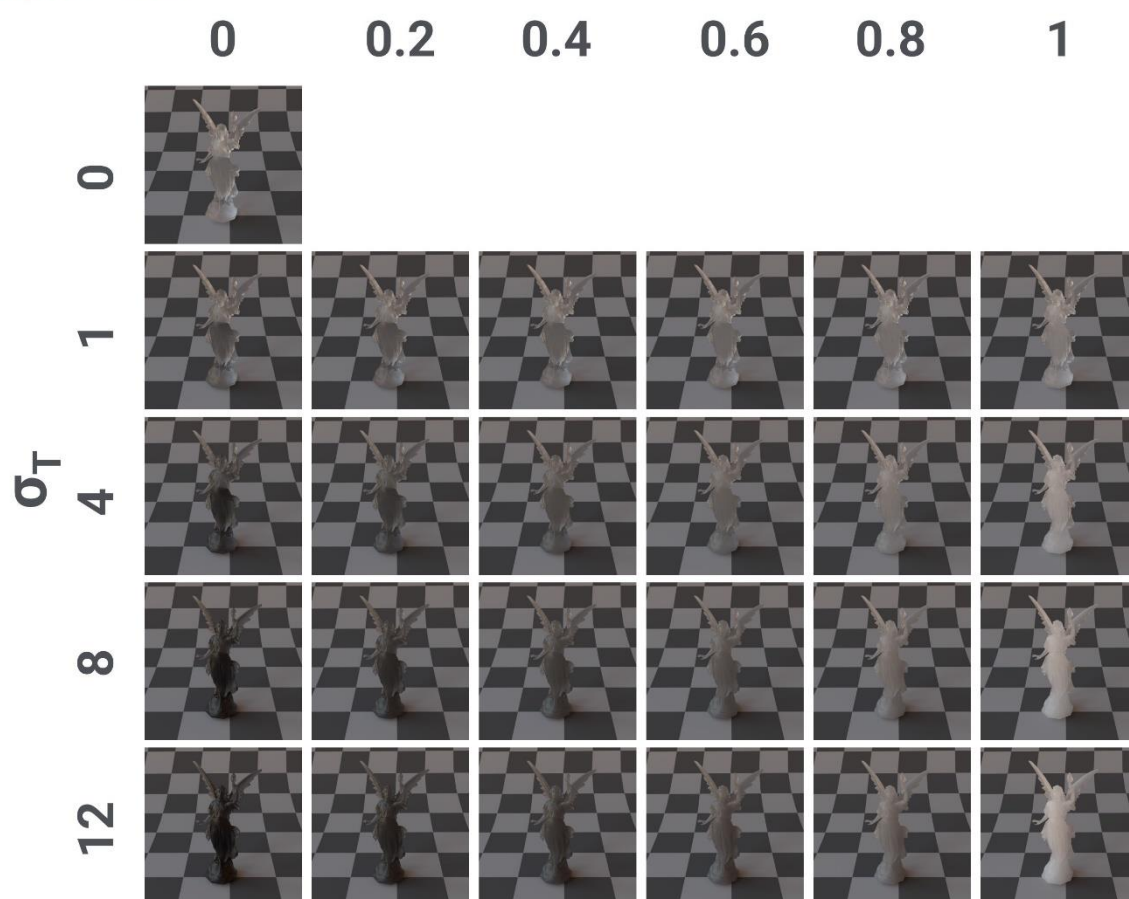


Alpha=0.15

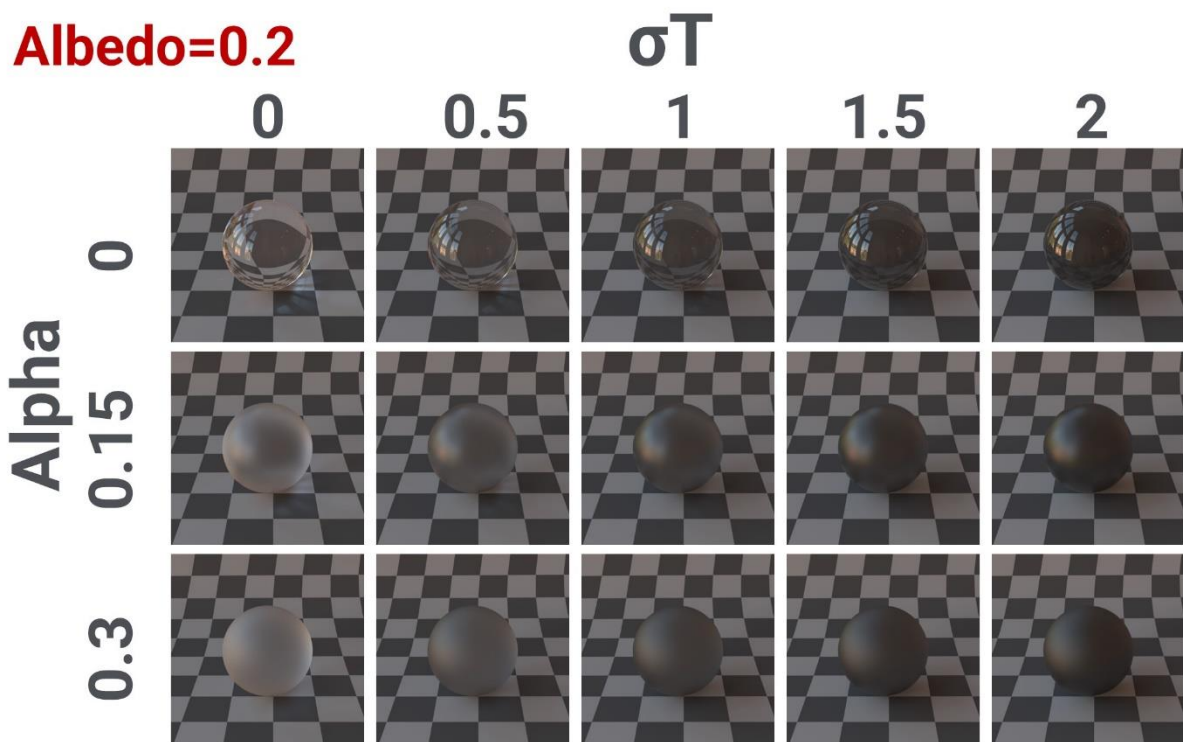
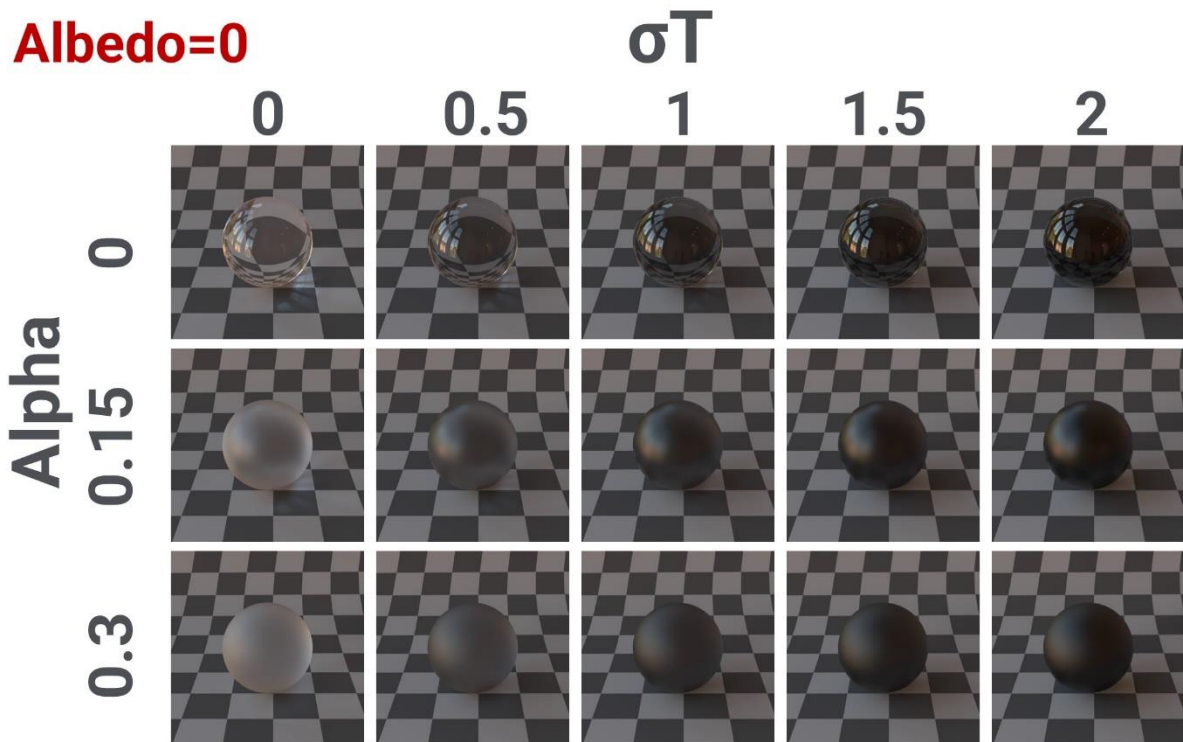


Alpha=0.3

Albedo

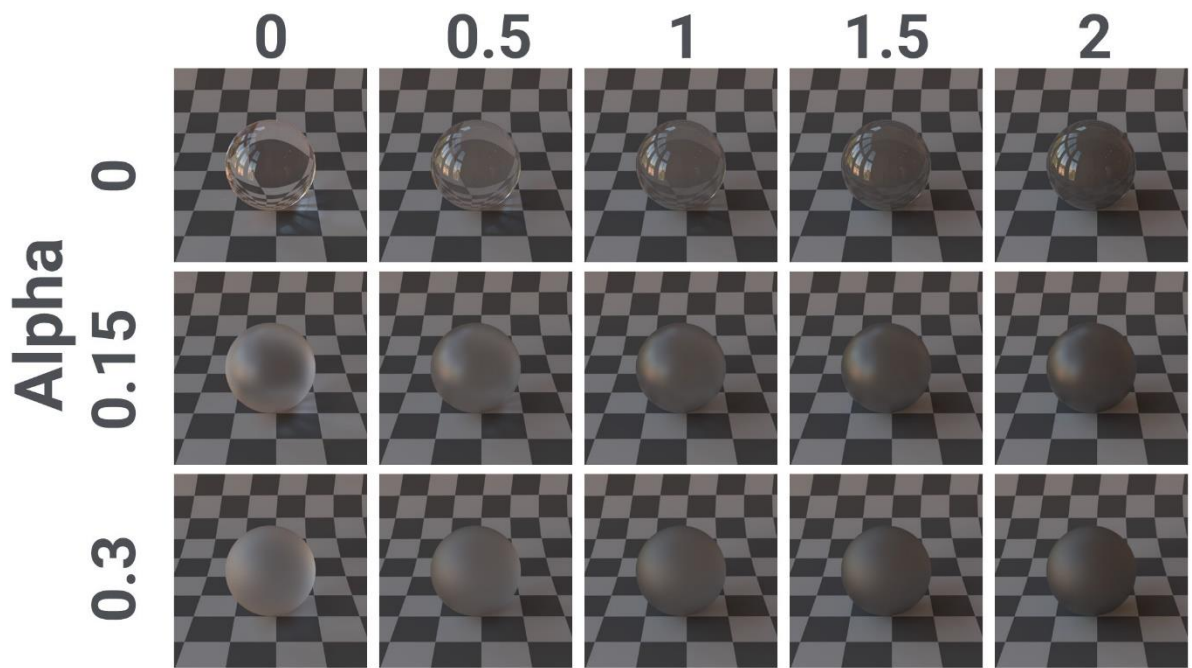


How extinction coefficient and Alpha affect appearance



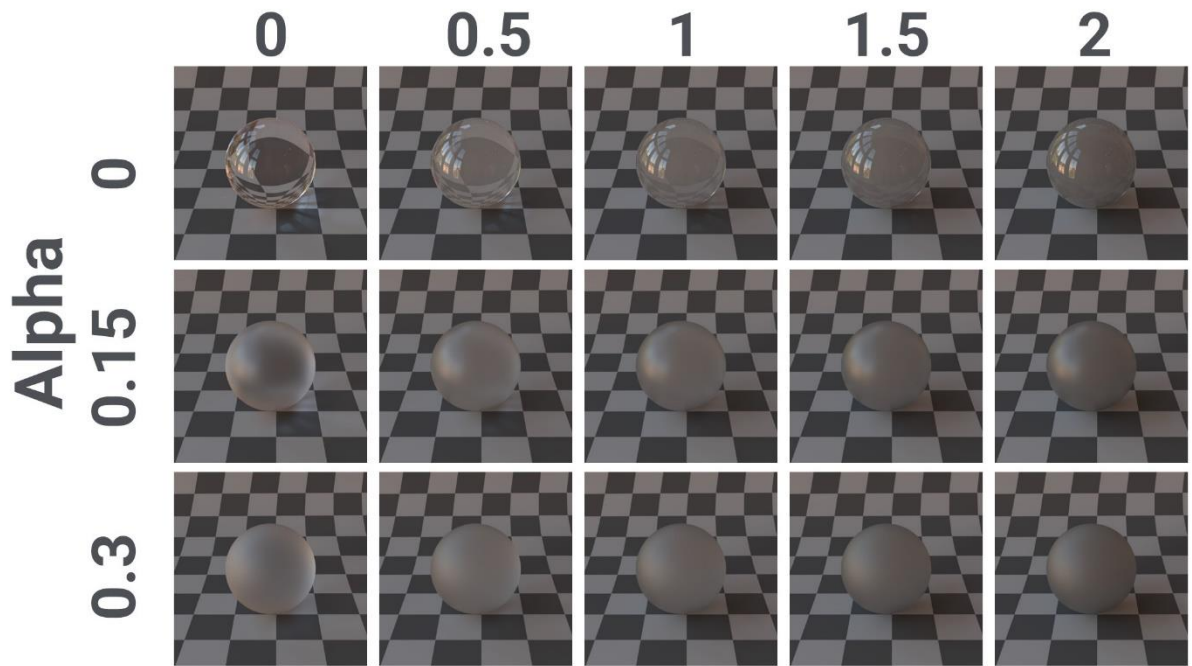
Albedo=0.4

σT

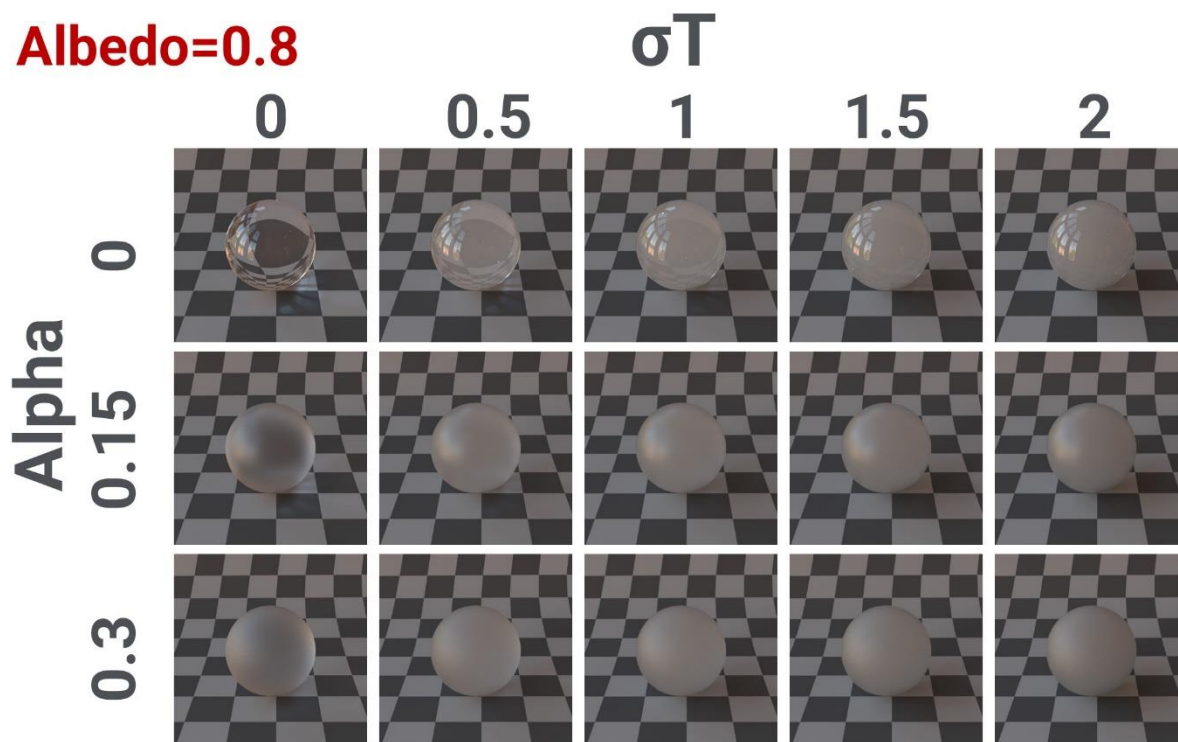


Albedo=0.6

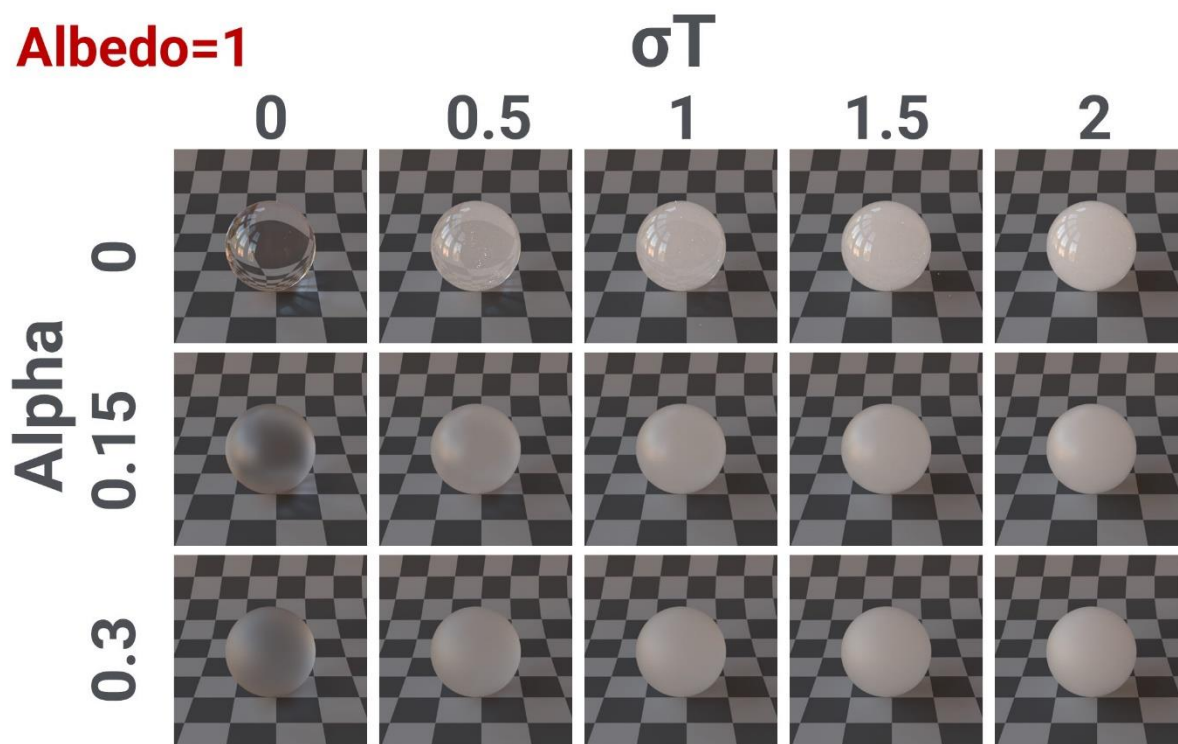
σT



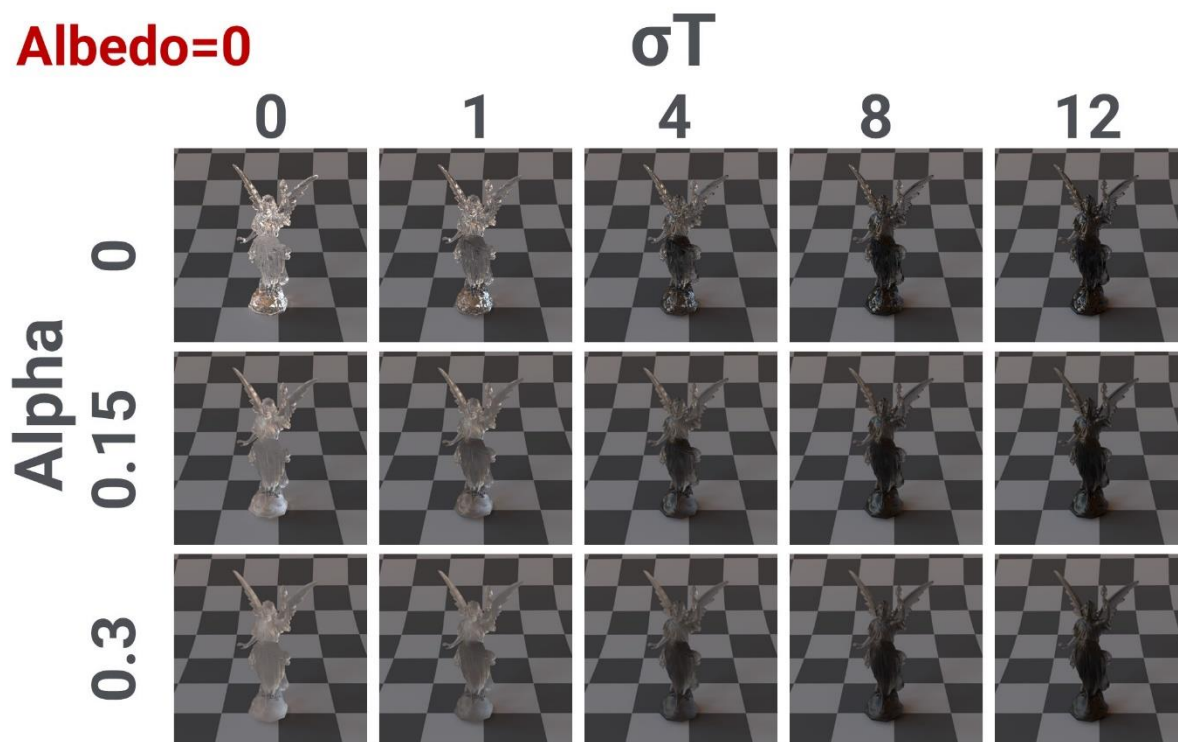
Albedo=0.8



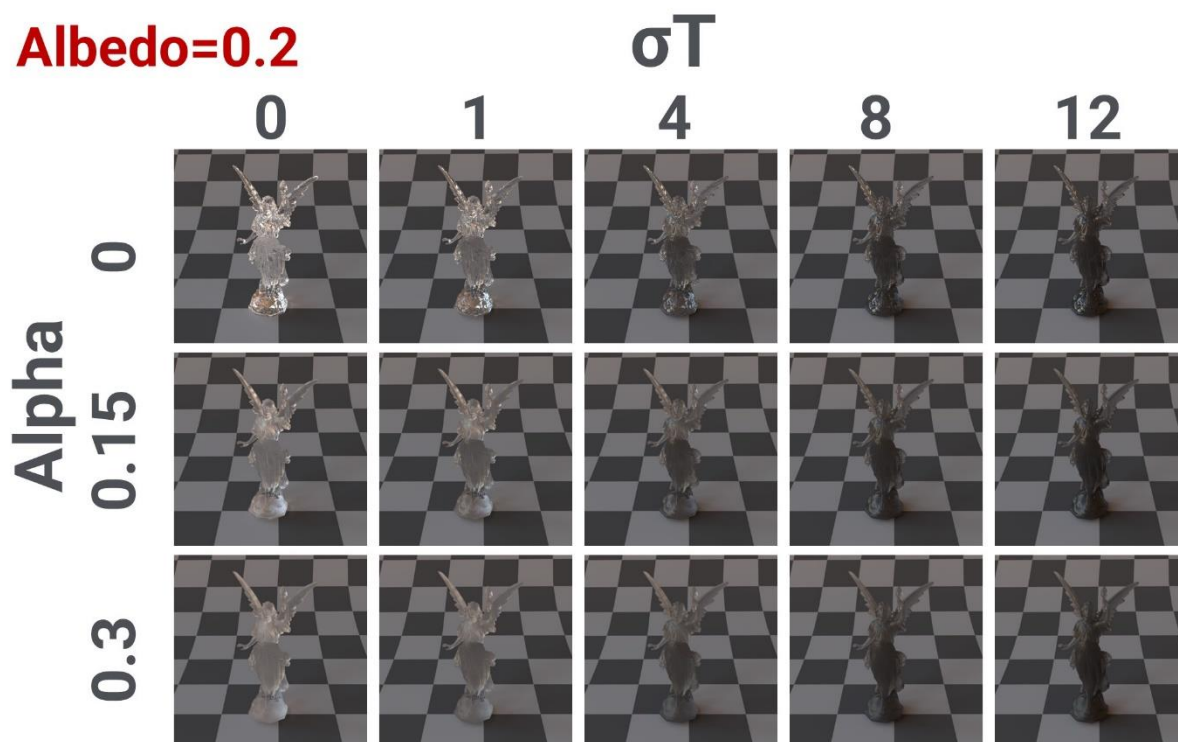
Albedo=1



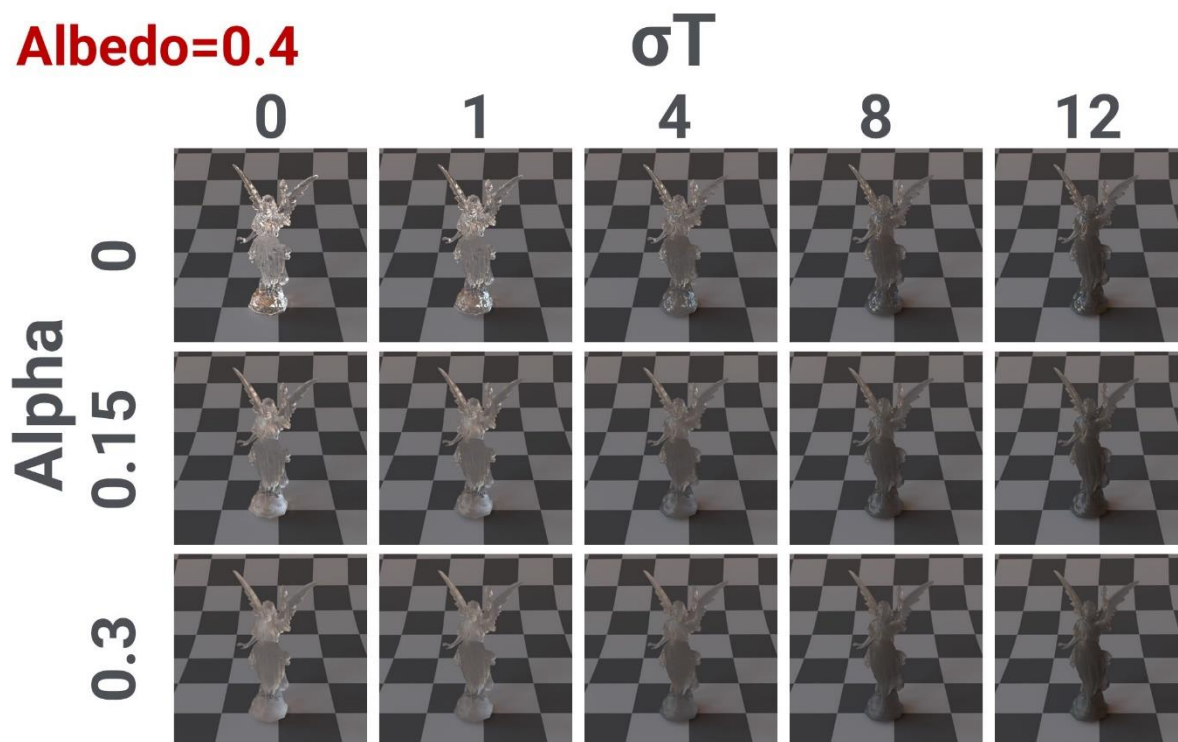
Albedo=0



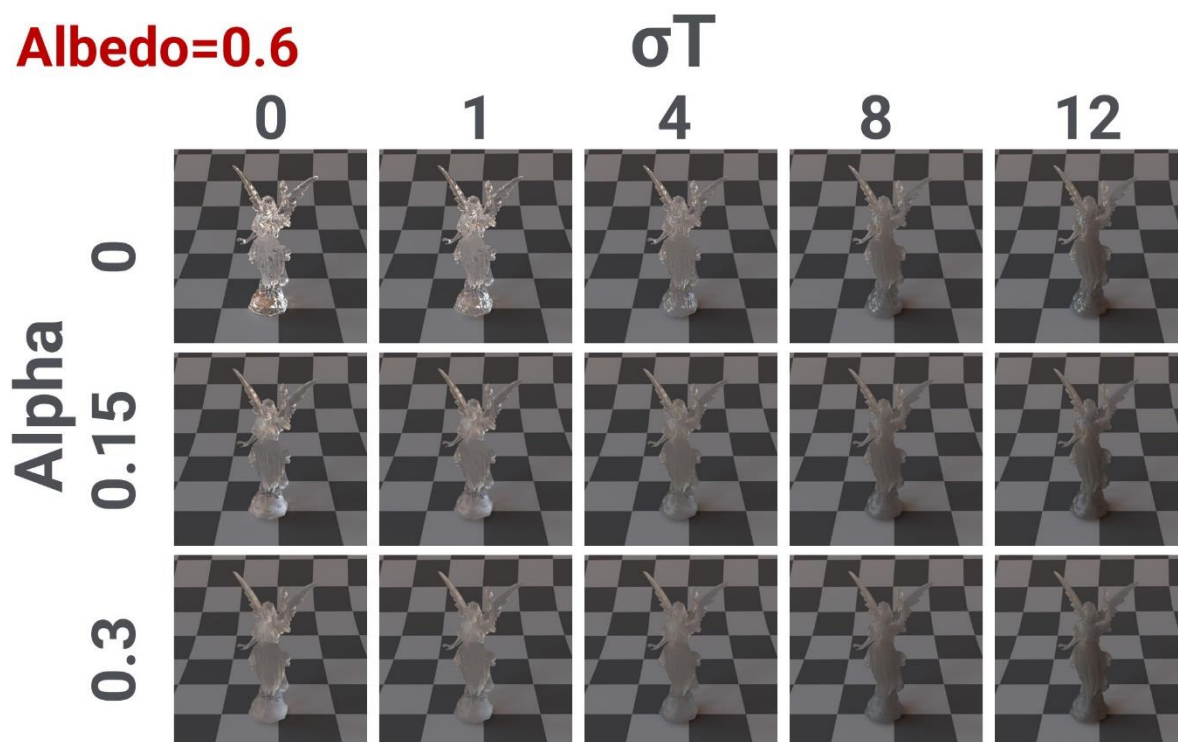
Albedo=0.2



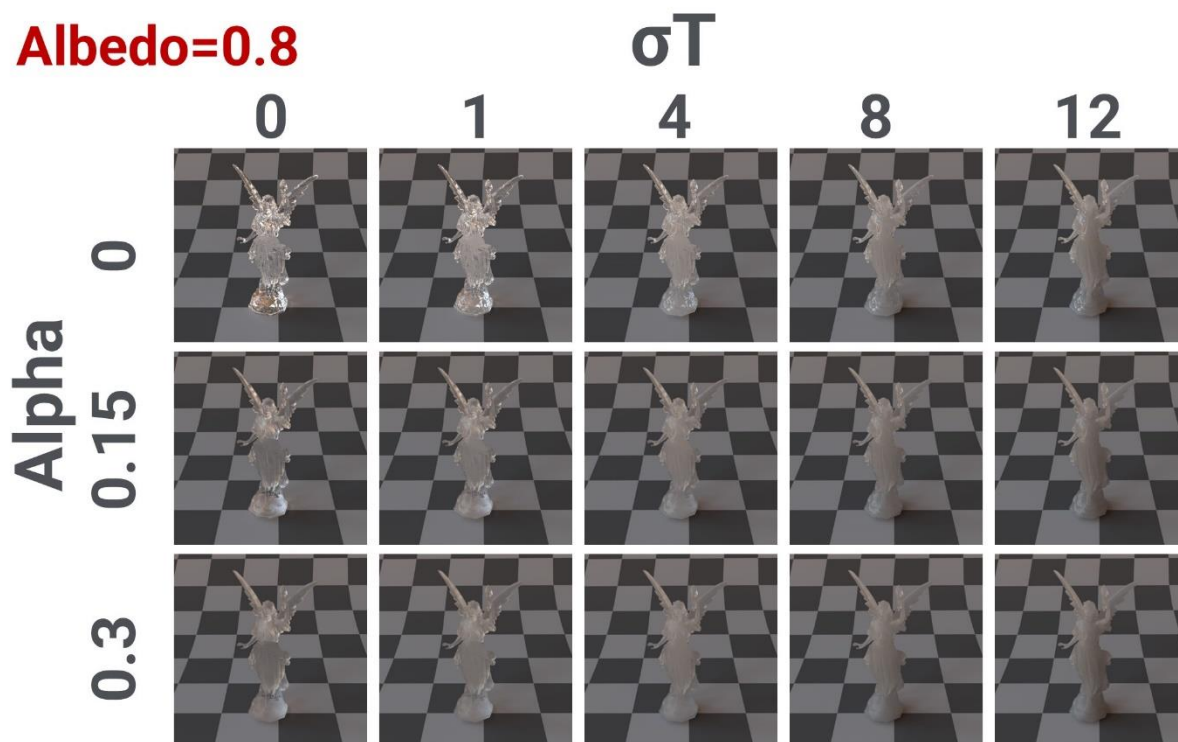
Albedo=0.4



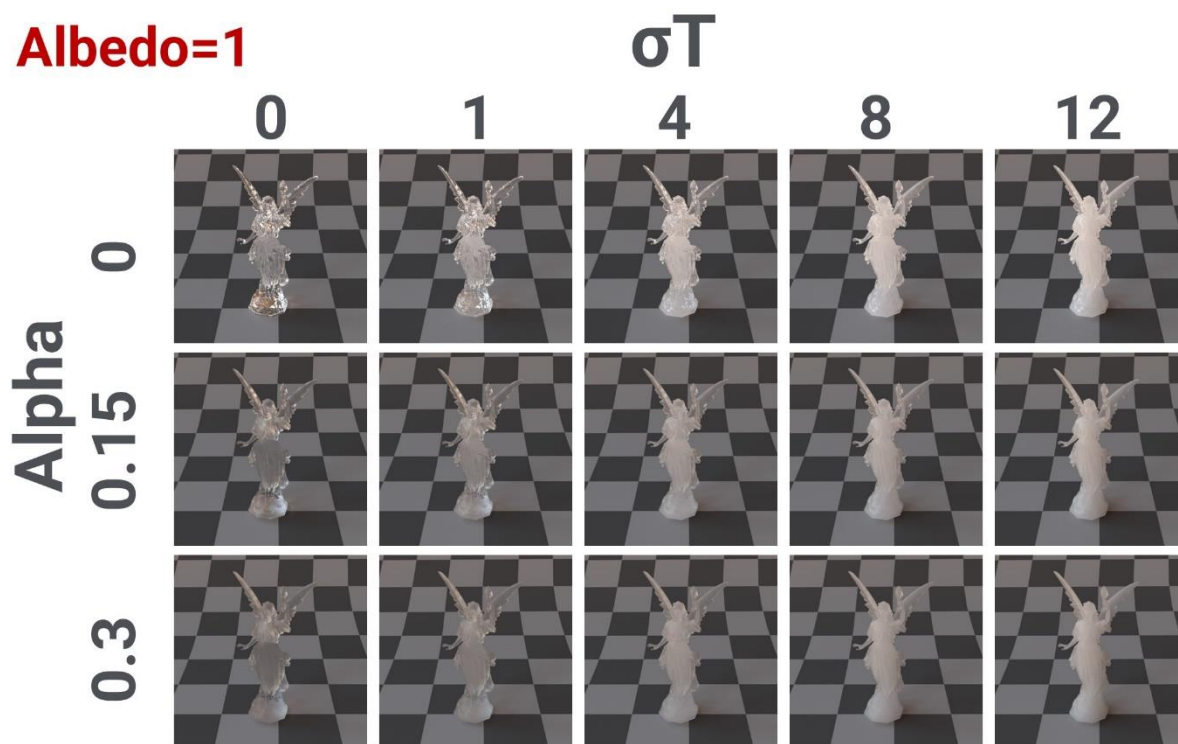
Albedo=0.6



Albedo=0.8



Albedo=1



How albedo and Alpha affect appearance

