

# The Okuma illusion

Takashi Yasuda\*, Takashi Ueda\*\*, Kenpei Shiina\*\*

\*Faculty of Science and Engineering, Waseda University

\*\*Faculty of Education and Integrated Arts and Sciences, Waseda University



Original Image



Rotated by  $3^\circ$

The left panel in this figure is the original image and the right panel is a slightly rotated image of the left one.

In the right panel, we perceive that the degree of tilt of the Okuma statue is less than that of the Okuma Kodo tower.



Original Image



Rotated by 3°

The statue stays constant relative to the tower.



Original  
(no rotation)



Rotated by  $1^\circ$



Rotated by  $2^\circ$



Rotated by  $3^\circ$

Gradually rotated version.