

1065-00-87

Thomas F. Banchoff* (Thomas_Banchoff@brown.edu), 151 Thayer Street, Mathematics Department, Brown University, Providence, RI 02912. *Interactive Art and the Dimensions of Appreciation*. Preliminary report.

Viewers engage with art in dimensionally different ways, depending on the dimensions of the art objects themselves and the ability of the viewer to explore. Compare Rembrandt's "Night Watch" and Michaelangelo's "David" and Frank Lloyd Wright's "FallingWater" and "Surfaces Beyond the Third Dimension". What can we learn from the varying experiences of viewers about the creation and exhibition of works of art in all dimensions, in particular those only fully accessible through online interaction? (Received September 03, 2010)