

1145-VV-2684      **John Robert Botzum\*** (botzum@kutztown.edu), 5528 Heather Lane, Orefield, PA 18069, and  
**Andrew Martin** (andrew.martin@kysu.edu). *Odd items from the complex history of the real  
numbers ;  $i^i$ .*

Leibniz wrote in 1702, " The imaginary number  $i$  is an elegant and wonderful resource of divine intellect and unnatural birth in the realm of thought, almost an amphibian between being and non-being." In this presentation we will look at the historical background of  $i$  and re-discover some peculiar properties of  $i^i$ . (Received September 25, 2018)