

1116-01-1637      **Toke Knudsen\*** ([toke.knudsen@oneonta.edu](mailto:toke.knudsen@oneonta.edu)), Dept. of Mathematics, Comp. Sci., and Stat., State University of New York at Oneonta, 108 Ravine Parkway, Oneonta, NY 13820. *The Contributions to Mathematics of Piet Hein*.

The Danish polymath Piet Hein (1905–1996) was a poet, author, inventor, scientist, mathematician, and world citizen. He is most famous for his grooks (Danish, *gruk*), short, subtle poems, often accompanied by drawings, of which he wrote over 7000 in Danish and English. His main mathematical preoccupation was combinatorics, and he invented several remarkable games and puzzles, including Hex and the Soma cube. His name is also associated with the superellipse and the superegg. Even though Piet Hein did impressive work in mathematics he is better known as a scientist, and a general study of his mathematics is lacking. This presentation will provide an overview of Piet Hein's life and contributions to mathematics. (Received September 21, 2015)