

1116-01-1845      **John H Conway\*** ([conway@math.princeton.edu](mailto:conway@math.princeton.edu)), Department of Mathematics, Fine Hall,  
Washington Road, Princeton, NJ 08544-1000. *The History of the Surreal Numbers.*

I shall describe the way I came to find the surreal numbers. In 1970, the British Go champion was a graduate student in the Cambridge mathematics department. This revived the idea I had for quite some time of adding the Sprague-Grundy theory of impartial games to the non-partial case. Nothing surprised me more than the fact that the resulting group of games contained the group of real numbers and many more! (Received September 21, 2015)