1135-B1-627   **Tien Chih*** (`tien.chih@msubillings.edu`), 1500 University Drive, Billings, MT 59101, and **Demitri J Plessas**. *A Search for Champion Boxers.*

In the world of boxing, fighters are judged by the quality of their opponents. This way of determining value is reminiscent of Google's PageRank algorithm, which assigns values to websites based on the value of sites linked to it. We describe the mathematics behind PageRank and give a scheme to adapt it to boxing. We illustrate how this algorithm would behave in several scenarios. Then 20 top heavyweight boxers from the 1990's are selected and ranked using this method. We also demonstrate show how Sage code may be easily implemented to execute this algorithm and finally, describe some possible extensions of this method. (Received September 11, 2017)