

Pubp-021

“The Nature of the Quaternion” M. D. Shuster, submitted to *The Journal of the Astronomical Sciences*.

This article compares the tradition presentation of the quaternion with that of publication 1993h. The connection of the order of quaternion multiplication order with the multiplication rule for Hamilton’s imaginaries is discussed. It is shown that the Hamilton imaginaries cannot be interpreted as physical coordinate axes but only as 4×1 matrices.