

2003d

“Generalization of the Euler Angles,” M. D. Shuster and F. L. Markley, *The Journal of the Astronautical Sciences*, Vol. 51, No. 2, April–June 2003, pp. 123–132.

A more general definition of the Euler angles, in which pairs of body-referenced Euler axes were not necessarily parallel or normal, was developed in order to solve a deterministic attitude problem in 2000d and 2004c. After submitting the work for journal publication, the second author discovered that the same results had been obtained by a less transparent derivation by Davenport ten years before, but were generally unknown. The authors published their new derivation and called the generalized Euler angles the “Davenport angles.” Paul Davenport was not displeased by this. The research has the distinction of having begun on Copacabana Beach (posto 6) in Rio de Janeiro in October 1994. (One can watch cute cariocas in their skimpy tangas for only so long.)

Superseded 1995b.