

2000c

“Focal-Plane Representation of Rotations,” M. D. Shuster, *The Journal of the Astronautical Sciences*, Vol. 48, Nos. 2 and 3, April–September 2000, pp. 381–390.

The simultaneous treatment of sensor focal-plane calibration and sensor alignment estimation is complicated by the fact the former is carried out in terms of two-dimensional focal-plane coordinates and the latter in three dimensions. The present paper provides a common basis for these two operations by developing expressions for the representation of attitude or alignment in terms of focal-plane coordinates. This paper already existed in typeset form in 1994, and had been submitted to and reviewed favorably by the JAS, but the final revision was not sent to the JAS until 2000, when it became my submission to the Battin symposium.

Superseded 2000b.