

1978b

“Approximate Algorithms for Fast Optimal Attitude Computation,” M. D. Shuster, Paper No. AIAA 78-1249, *Proceedings, AIAA Guidance and Control Conference*, Palo Alto, California, August 7-9, 1978, pp. 88-95.

This was the first publication of the QUEST algorithm. The covariance analysis of the QUEST algorithm was developed too late to be included here. The colorful history of the development of the QUEST algorithm is retold in 2001c and 2006f.

The paper was presented in the same session as Markley’s work on the SMM control laws and Jim Murrell’s work on the attitude Kalman filter for the Landsat mission, which would be very important for Landis and me in 1982c.

I also met Itzhack Bar-Itzhack for the first time at this conference.

The work is described more fully in the comment to 1981a.

Superseded by 1981a