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“Beyond Estimation” (keynote address), M. D. Shuster, *The Malcolm D. Shuster Astronautics Symposium*, Grand Island, New York, June 13–15, 2005; Proceedings: *Advances in the Astronautical Sciences*, Vol. 122, 2006, pp. 249–270.

In my symposium keynote address, rather than simply create another work of Astronautics, I chose to examine areas of direct interest or importance to Astronautics. These included a very brief history of Spacecraft Attitude Estimation, a discussion of problems effecting the education of astronauticists, the nature of prejudice in its relation to the field, the importance of the Arts to Engineering, my attempts to bring humor to Astronauticists publications, and what trivial-looking thing I thought was my most important contribution to Astronautics. I also discussed how anti-Semitism had been responsible for my own career in Astronautics and the symposium. The version published in the *Advances* was somewhat less polemical than that presented and distributed at the symposium, but retained all of the elements. The version to appear in the special issue of *The Journal of the Astronautical Sciences* devoted to the symposium will be very different in content.

It is interesting that at a roundtable discussion on the last morning of the symposium, people wanted to talk only about the most contentious part of my keynote address. Everyone was interested in my opinions on gender, ethnic and racial prejudice or air their opinions on these matters. Fortunately, Mark Pittelkau steered the discussion to more technically oriented issues.