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Paul R Wolfson* (pwolfson@wcupa.edu), Department of Mathematics, West Chester University, West Chester, PA 19383. *Arnold Sommerfeld's Geometric Model of Relativistic Velocities*. Preliminary report.

Almost immediately after Einstein published his first paper on relativity in 1905, others reworked some of his arguments in more geometrical language. Minkowski's was, of course, the broadest and most successful effort in this direction, but soon several others developed geometrical representations of relativistic velocities. I shall discuss Sommerfeld's spherical representation. (Received February 14, 2011)