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Abraham D Smith* (adsmith@mrsi.org), The Department of Mathematics and Statistics,
McGill University, Burnside Hall, Room 1242, Montreal, QC H3A 2K6, Canada. *GL(2) geometry,
integrability and hyperbolicity in high dimensions.*

GL(2) geometry is a special type of conformal geometry that has recently proven extremely useful for understanding integrable systems in three independent variables. This talk is a discussion of what this geometry can tell us about integrable hyperbolic PDEs in four or more independent variables, and vice-versa. (Received January 12, 2010)