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John A. Emanuello* (jemanuel@math.fsu.edu), The Florida State University, Department of Mathematics, 1017 Academic Way, Tallahassee, FL 32306-4510. *Projective Compactification of $\mathbb{R}^{1,1}$ and its Möbius Geometry.*

We examine the semi-Riemannian manifold $\mathbb{R}^{1,1}$, which is realized as the split complex plane, and its conformal compactification as an analogue of the complex plane and the Riemann sphere. We also consider conformal maps on the compactification and study some of their basic properties. (Received August 14, 2013)