1016-32-283   **Richard Keith Hind*** (`hind.1@nd.edu`), Department of Mathematics, University of Notre Dame, Notre Dame, IN 46556, and **Dan Burns**. *Complexifications of symmetric spaces.*

There is a connection between the hyperbolic plane, two dimensional Lorentz space and the bidisk in $\mathbb{C}^2$ given by examining a canonical complexification. Geodesics in the hyperbolic plane correspond to timelike geodesics in the Lorentz space. We will discuss some generalizations of this picture and geometric properties of the associated complex spaces. (Received February 14, 2006)