1081-32-340 **Michael D Bolt*** (mbolt@calvin.edu), 1740 Knollcrest Circle SE, Calvin College, Grand Rapids, MI 49546. *Real hypersurfaces with constant Möbius-invariant curvature.*

Let $M^3 \subset \mathbb{C}^2$ be a three times differentiable real hypersurface. The Levi form of $M$ transforms under biholomorphism, and when restricted to the complex tangent space, the skew-hermitian part of the second fundamental form transforms under Möbius transformation. The surfaces for which these forms are constant multiples of each other were identified in previous work, but when the constant was unimodular there was a global condition. Here we present new examples in case the global condition is removed. (Received February 14, 2012)