Let $L/K$ be a separable quadratic extension of fields, for example $\mathbb{C}/\mathbb{R}$, and let $\text{Gal}(L/K) = \{1, \sigma\}$. A rational map $\phi(z) \in L(z)$ is $L/K$-pseudo-real if there is a fractional linear transformation $f(z) \in L(z)$ such that $\phi^\sigma = f^{-1} \circ \phi \circ f$. With an eye towards dynamical applications, in this talk I will explain how a $\mathbb{C}/\mathbb{R}$ pseudo-real map induces an algebraic map on the real projective plane $\mathbb{RP}^2$ and will discuss how this generalizes to general pseudo-real maps. (Received August 07, 2011)