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**Terence D Long\*** ([tlong271@math.umd.edu](mailto:tlong271@math.umd.edu)). *Twist-bulge derivatives and deformations of convex real projective structures on surfaces.*

We study properly convex real projective structures on closed surfaces. A starting point is the Fenchel-Nielsen-type parametrization of Goldman for the deformation space of properly convex real projective structures, which involves a generalization of Fenchel-Nielsen twists - the projective "twist-bulge" deformation. Using the results of Labourie and Fock-Goncharov on the flag curve associated to an Anosov representation, we derive a  $\mathrm{PSL}(3, \mathbb{R})$  analog for results of Wolpert concerning twist-length derivatives in the case of Teichmueller space. (Received September 16, 2013)