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**Kristen Hendricks\*** ([hendricks@math.ucla.edu](mailto:hendricks@math.ucla.edu)). *A spectral sequence for the Floer cohomology of symplectomorphisms of trivial polarization class.*

If  $M$  is an exact symplectic manifold with stably trivial tangent bundle, then a symplectomorphism of  $M$  induces a map from  $M$  to the infinite symplectic group via the induced map on the tangent bundle. We show that if this map is nulhomotopic (and other common technical requirements are satisfied), Seidel and Smith's localization theory for Floer cohomology implies the existence of a spectral sequence from the Floer cohomology of the square of the symplectomorphism to the Floer cohomology of the symplectomorphism itself, and a corresponding rank inequality. (Received January 14, 2015)