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Abigail R. Ward* (arward@stanford.edu). *Homological mirror symmetry for the Hopf surface.*

The Hopf surface is a complex surface which is non-Kähler, placing it outside of the realm of traditional homological mirror symmetry; however one can still define a mirror space to the Hopf surface by defining a “non-algebraic Landau Ginzburg model.” We will give a sketch of this construction of the mirror space, as well as show some evidence of the HMS correspondence. (Received September 15, 2019)