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Hirofumi Sasahira and **Matthew Stoffregen*** (stoffre1@msu.edu). *Seiberg-Witten Floer spectra for $b_1 > 0$.*

We construct a generalization of the Seiberg-Witten Floer spectrum for suitable three-manifolds Y with $b_1(Y) > 0$. In this talk, we'll describe the construction and give some properties and examples of the invariant. (Received August 09, 2021)