

1125-11-712

**Francesca Balestrieri, Jennifer Berg, Michelle Manes, Jennifer Park and Bianca Viray\***  
([bviray@uw.edu](mailto:bviray@uw.edu)). *Obstructions to the Hasse principle on Enriques surfaces.*

In 1970, Manin showed that the Brauer group can obstruct the existence of rational points, even when there exist points everywhere locally. Later, Skorobogatov defined a refinement of this Brauer-Manin obstruction, called the étale-Brauer obstruction. We show that this refined obstruction is necessary to understand failures of the Hasse principle on Enriques surfaces, thereby completing the case of Kodaira dimension 0 surfaces. (Received September 09, 2016)