

1146-35-117

**Daniel Stern\*** ([dls6@math.princeton.edu](mailto:dls6@math.princeton.edu)). *Variational methods for the Ginzburg-Landau equations and minimal submanifolds of codimension two.*

I will discuss recent results concerning existence and singularity formation for min-max solutions of the complex Ginzburg-Landau equations on closed manifolds, which provide new methods for constructing generalized minimal submanifolds of codimension two. (Received January 13, 2019)