

BIZON Piotr

Blowup for supercritical equivariant wave maps

We consider equivariant wave maps from \mathbb{R}^{d+1} into S^d for $d \geq 3$. Using mixed analytic and numerical tools we describe the dynamics of generic blowup and the threshold for blowup. We hope that our plausibility arguments will stimulate rigorous studies of this problem. This is joint work with Pawel Biernat and Maciej Maliborski.