1154-37-1384 **Jan P Boronski***, boronski@agh.edu.pl, and **Jernej Cinc** and **Xiao-Chuan Liu**. *Parametrised Families of Rotational Attractors and the Accessible Rotation Numbers.*

We investigate the prime ends rotation numbers arising from parametrized Brown-Barge-Martin (BBM for short) embeddings of inverse limits of topological graphs as in [BCH13]. Among our results, we show the existence of homeomorphisms of $\mathbb{S}^2$ with Lakes of Wada rotational attractors, that are arbitrarily close to the identity. With the help of reduced Arnold's family we also construct a parametrised family of Birkhoff-like cofrontier attractors, where for uncountably many parameter values the two accessible rotation numbers are irrational. This complements the negative resolution of Walker's Conjecture in [KLN15].

References

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