

\* Electronic Address: [messoud.efendiyev@helmholtz-muenchen.de](mailto:messoud.efendiyev@helmholtz-muenchen.de)

<sup>1</sup> Helmholtz Zentrum München

## Why not?

Messoud Efendiyev<sup>1\*</sup>

We study the asymptotic behaviour of solutions of nonlinear elliptic equations in asymptotically symmetric unbounded domains. We are interested in how the asymptotic symmetry of the domain is inherited to the symmetry of appropriate global attractor. To this end we use a dynamical systems approach and new Liouville type results which are of independent interest as well. It is worth noting that this study was initiated many years ago via discussions in the Fachbereich Kolloquium at the Free University Berlin.