

ABSTRACT:

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The geometry of quasi-Hitchin symplectic Anosov representations

After revising the background theory of symplectic Anosov representations and their domains of discontinuity, we will focus on our joint work in progress with Daniele Alessandrini and Anna Wienhard. In particular, we will describe partial results about the homeomorphism type of the quotient of the domain of discontinuity for quasi-Hitchin representations in  $\mathrm{Sp}(4, \mathbb{C})$  acting on the Lagrangian space  $\mathrm{Lag}(\mathbb{C}^4)$ .