

# Curve semistable Higgs bundles

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We say that a Higgs bundle  $E$  over a projective variety  $X$  is curve semistable if for every morphism  $f: C \rightarrow X$ , where  $C$  is a smooth irreducible projective curve, the pullback  $f^*E$  is semistable. We study this class of Higgs bundles, reviewing the status of a conjecture about their Chern classes.

## References

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