

## **$\Gamma$ -convergence of nonconvex unbounded integrals in Cheeger-Sobolev spaces**

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**Abstract.** We study  $\Gamma$ -convergence of nonconvex integrals of the calculus of variations in the setting of Cheeger-Sobolev spaces, when the integrands have non-polynomial growth and can take infinite values. Applications to relaxation and homogenization are also developed.

**Mathematics Subject Classification (2020):** 49J45 (primary); 49Q20 (secondary).