

## FRACTIONAL KORN INEQUALITY ON SUBSETS OF THE EUCLIDEAN SPACE

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*Abstract.* We prove the fractional Korn inequality for sufficiently smooth subsets of  $\mathbb{R}^d$ . We also give a framework for obtaining the Korn inequality directly from the appropriate Hardy-type inequality.

*Mathematics subject classification (2020):* 26D10, 46E35, 46E40.

*Keywords and phrases:* Korn inequality, fractional Sobolev space, Hardy inequality.

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