



Seminar of the Work Group
Nonlinear Partial Differential Equations
WS 23/24

December 19th, 2022, 11:30 - 12:30
Seminar room: SR 3.061

Optimal Korn-Maxwell-Sobolev Inequalities

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Abstract

We present a complete picture of coercive Korn-type inequalities for generalised incompatible fields, and optimally extend and unify several previously known inequalities that are crucial to the existence theory for a variety of models in continuum mechanics.