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Divergence Operator and related inequalities

Abstract: In this talk, we will address the problem of existence of a right inverse of the divergence operator, its implications in problems of continuum mechanics, and its connection to certain classical inequalities.

Keywords: Divergence operator, fluid mechanics, Poincaré-type inequalities, inequalities in spaces of functions, geometric inequalities.

Wednesday, October 7, 1:05 – 1:50 pm in 4-2-314