

## Generic global rigidity in $L_p$ -space

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**Abstract:** With James Cruickshank, Fatemeh Mohammadi, and Anthony Nixon, I recently introduced a framework to analyze rigidity problems under general measurement maps. As an application, in this work, we prove that global rigidity in the  $L_p$ -plane (for even  $p$ ) is a generic property of graphs by establishing a stress-matrix type characterization of global rigidity. We conjecture that the same statement holds true in any dimension. This is a joint work with Tomohiro Sugiyama.