

Almost periodic flexibility for symmetric frameworks

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Abstract: We revisit the notion of almost periodic flexibility first considered for crystallographic bar-joint frameworks by Badri, Kitson and Power. Drawing on the general theory of almost periodic functions on LCA groups we will extend this concept to a wider class of frameworks which are governed by unspecified linear constraints and a discrete abelian symmetry group. This is joint work with Eleftherios Kastis (Lancaster University).