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Generic density of geodesic nets

Let (M^n, g), $n \geq 2$ be a Riemannian manifold and let Γ be a weighted multigraph. Stationary geodesic nets are embeddings $f : \Gamma \to (M^n, g)$ which are stationary with respect to the length functional induced by the metric g. They arise from Almgren-Pitts Morse theory on the space of 1-cycles $\mathcal{Z}_1(M, g)$ on (M, g). During the talk, we will discuss the following result: for a Baire-generic set of Riemannian metrics on a fixed closed manifold M^n, the union of all stationary geodesic nets is dense in M. This is a joint work with Yevgeny Liokumovich.