

Lucia De Luca: Stability results for fractional parabolic flows

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We present an abstract method for studying the stability of parabolic flows, exploiting the Gamma-convergence of the corresponding energy functionals. We apply such a result to analyse the behavior of the s -fractional heat flows, as s tends to 0 and to 1, and of the s -Riesz flows, as s tends to 0 and to d (where d is the dimension of the ambient space). Time permitting, we present also stability results for the corresponding geometric flows.