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Γ Convergence of Hausdorff Measures

We study the dependence of the Hausdorff measure \mathcal{H}_d^1 on the distance d . We show that the uniform convergence of d_j to d is equivalent to the Γ convergence of $\mathcal{H}_{d_j}^1$ to \mathcal{H}_d^1 with respect to the Hausdorff convergence on compact connected subsets. We also consider the case when distances are replaced by semi-distances.