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**Title:** Structural stability of uniform attractors: topological and geometrical

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**Abstract:** We present a careful description of the relationship between pullback and uniform attractors, leading to a detailed description of the uniform attractor and providing the understanding of its dynamical structures. That description is used to show continuity (upper and lower semicontinuity) and structural stability (topological and geometrical) of uniform attractors, at least for a non-autonomous perturbation of a semigroup.