



Mathematics > Dynamical Systems

Smale Spaces via Inverse Limits

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A Smale space is a chaotic dynamical system with canonical coordinates of contracting and expanding directions. The basic sets for Smale's Axiom A systems are a key class of examples. We consider the special case of irreducible Smale spaces with zero dimensional contracting directions, and characterize these as stationary inverse limits satisfying certain conditions.

Comments: 26 pages, 7 figures, summary of PhD thesis

Subjects: **Dynamical Systems (math.DS)**

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