

108. Zvi Artstein, Ioannis G. Kevrekidis, Marshall Slemrod and Edriss S. Titi, **Slow observables of singularly perturbed differential equations**. *Nonlinearity* 20 (2007), 2463-2481.

**Abstract.** Singularly perturbed systems which may not possess a natural coordinate split into slow and fast dynamics are examined. Their limit behavior is depicted as an invariant measure of the fast component drifted by the slow part of the system. Slow observables capture then the limit characteristics of the system, and may determine the evolution of the limit invariant measures.

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