75. Zvi Artstein, **Singularly perturbed ordinary differential equations with non-autonomous fast dynamics.** J. Dynamics and Diff. Equa. 11 (1999), 297-318.

Abstract. Embedding of nonautonomous dynamics in a skew-product flow is employed in the analysis of singularly perturbed equations, where the fast dynamics is time-varying. Uniform convergence of the slow dynamics and statistical convergence of the fast dynamics are established. The limits are characterized in terms of projections of invariant probability measures of the skew-product flow in which the fast dynamics is embedded. These invariant measures are generated by the limiting equations of the original time-dependent process.

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