78. Zvi Artstein, **Invariant measures of differential inclusions applied to singular perturbations.** J. Differential Equations 152 (1999), 289-307.

Abstract. The paper offers a notion of an invariant measure for differential inclusions which generalizes the common notion of invariant measures of differential equations. We offer two definitions and show that they are equivalent. The first definition employs a property which characterizes invariant measures of flows, namely, as limits of occupational measures. The second approach is based on the lifting to the function space of solutions. An application of the theory, namely the description of the limit dynamics of singularly perturbed differential inclusions, is studied in detail.

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