109. Zvi Artstein, Sensitivity of control systems with respect to measure-valued
coefficients. In Geometric Control and Nonsmooth Analysis, F. Ancona et al. Eds.,

Abstract. Measure-valued coefficients arise when limits of rapidly varying parameters
of control systems are examined. The rapidly varying parameter is considered then a
perturbation of a measure-valued parameter. We provide quantitative estimates for the
sensitivity of the optimal value and near optimal solutions, with respect to such perturba-
tions. As a particular case, which is of interest for its own sake, we establish quantitative
estimates for the sensitivity of ordinary control systems with respect to relaxed controls.

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