

88. Zvi Artstein and Michael Grinfeld, **Ergodicity and mixing via Young measures**.  
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**Abstract.** Connections are established between mixing or ergodic properties of maps on the one hand, and the convergence of the iterates of the map, or of the empirical measures of the iterates, to a constant measure-valued map, on the other. Uniqueness of an absolutely continuous ergodic measure can also be verified via the convergence. The technique helps to identify ergodic and mixing pairs and verify the uniqueness in specific examples.

For a copy of this paper send a request to [zvi.artstein@weizmann.ac.il](mailto:zvi.artstein@weizmann.ac.il).