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**Dominik Kwietniak\*** ([dominik.kwietniak@uj.edu.pl](mailto:dominik.kwietniak@uj.edu.pl)), Instytut Matematyki UJ, ul. Loajsiewicza 6, 30-348 Krakow, Poland. *On intrinsic ergodicity of subordinate and almost specified shift spaces.*

A shift space is intrinsically ergodic if it possesses a unique measure of maximal entropy. Bowen introduced the specification property and proved that the shift spaces with the specification property are intrinsically ergodic. Pfister and Sullivan generalized Bowen's notion and defined the  $g$  almost product property, later coined the almost specification property by Thompson. It was an open question whether every almost specified shift space is intrinsically ergodic. I am going to present the example showing that the answer is negative, along with some other results about almost specified dynamical systems. The talk is based on a joint work with Piotr Oprocha (AGH Kraków) and Michał Rams (IM PAN Warszawa). (Received September 16, 2014)