

**M. Lachowicz**

MIM UW

**H. Leszczyński**

University of Gdańsk

**K.A. Topolski**

University of Gdańsk

## **Self-organization with small range interactions: Creation of bipolarity**

We deal with a kinetic equation that may describe the self-organization of various complex systems. We consider the variable interacting rate with small support. This corresponds to interactions of the test entity (individual) with a given internal state only with entities having closed states. We establish all possible equilibrium states and observe the possibility of creation of bipolar (bimodal) distribution that is able to capture interesting behavior in modeling systems, e.g. in political sciences.