

1135-13-211

Ya. S. Krylyuk* (krylioukiaroslav@fhda.edu). *Ya. S. Krylyuk "The Poisson Conjecture and its connection to the classical invariant theory" (Preliminary Report)*. Preliminary report.

In the talk will be discussed the reformulation of the Poisson conjecture on the polynomial symplectomorphisms bounded by the given degree and the connection of the algebra of the defining equations of such set to the classical invariant theory. A special attention will be paid to the case of polynomial symplectomorphisms in two variables. (Received August 11, 2017)