1053-03-351 **Krystian Adam Jobczyk*** (krystian_jobczyk@op.pl), ul. Nowolipie 16/12, 01-005 Warsaw, Poland. *"Canonic System for ZF and why is the Skolem-Loewenheim's Paradox a real paradox?".*

I try to consider which properties are characteristic for a canonic systems in my presentation. This is a good way to better understand what exactly means that any language is accepted by PDA. Although I would like consider a classical example of canonic system-a canonic system for Zermelo-Fraenkel's set theory (ZF) in my project, its possible to understand what means that any fixed system is a canonic system. To see that I show that a canonic system of any fixed system T as a good instrument (and field) to solve some problems, which cannot be resolved in T(some problems are not in canonic system undecidable). The kind of these problems is a question: is Skolem-Loewenheim;s Paradox or not? This problem will be just analised in my work. So we need consider a specific kind of canonic system. More precisally, I show that it's proving in ZF** that the class of all nonempty sets of ordinal numbers and the class of all nonempty sets are uncountable. It shows moreover that this situation is normal for every extension of ZF and explains why a Skolem-Loewenheim's Paradox is not a real paradox. My proof will be based on a concept of Quine's and Post's (modified by R. Suszko) canonic system for ZF** and will be a modification and generalization of theirs results. (Received September 09, 2009)