1145-20-2522   **Alexei Miasnikov***, amiasnikov@gmail.com. *Diophantine problems in groups and algebras.*
During the last several years it was a remarkable progress in solving equations in groups and algebras. I will discuss some new general methods to reduce Diophantine problems in large classes of groups and algebras to some specific algorithmic problems in number theory. (Received September 25, 2018)