1060-20-230   **Alexander Ushakov*** (`sasha.ushakov@gmail.com`), Stevens Institute of Technology, Castle Point on Hudson, Hoboken, NJ 07030, and **Natalia Mosina**. *Averaging Group Elements.*

I will discuss several measures of central tendency for group elements and present the strong law of large numbers for distributions on finitely generated groups. Finally, I will discuss Chebyshev's and Chernoff's type inequalities for random group elements. Based on a joint work with N. Mosina. (Received March 30, 2010)