1135-49-1550      **Alexander J Zaslavski\*** (`ajzasl@technion.ac.il`), Department of Mathemaics, The Technion - Israel institute of Technology, 32000 Haifa, Israel. *Subgradient Algorithms in Convex Minimization with Computational Errors.*

We study the subgradient projection algorithm for minimization of convex and nonsmooth functions, under the presence of computational errors. We show that our algorithms generate a good approximate solution, if computational errors are bounded from above by a small positive constant. Moreover, for a known computational error, we find out what an approximate solution can be obtained and how many iterates one needs for this. (Received September 23, 2017)