1086-49-1186   **Hijran Mirzayeva*** (`hijranmirzayeva@students.ballarat.edu.au`), University Drive, Mt Helen, PO Box 663, Ballarat, Ballarat, Victoria 3353, Australia. *On extremum problem with constraints for discrete inclusions.*

The paper considers an extremum problem with constraints for discrete inclusions. The necessary extremum conditions are obtained for nonconvex extremum problem. It is shown the necessary conditions also are sufficient for regular convex extremum problem. This problem is reduced to the mathematical programming problem and the necessary extremum conditions are obtained using the nonsmooth analysis. (Received September 19, 2012)