

## **Cutting Plane Methods for Integer Programming: NAZ Cut and Its Variations**

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**Abstract :** Integer programming is a branch of mathematical programming techniques in operations research in which some or all of the variables are required to be integer valued. Various cuts have been used to solve these problems. We have also developed cuts known as NAZ cut & A-T cut to solve the integer programming problems. These cuts are used to reduce the feasible region and then reaching the optimal solution in minimum number of steps.

**Keywords :** Integer Programming, NAZ cut, A-T cut, Cutting plane method

**Conference Title :** ICMSSC 2014 : International Conference on Mathematics, Statistics and Scientific Computing

**Conference Location :** Vancouver, Canada

**Conference Dates :** August 07-08, 2014