

International J. of Math. Sci. & Engg. Appls. (IJMSEA)
ISSN 0973-9424, Vol. 6 No. V (September, 2012), pp. 301-309

**SUPPORT SET INVARIANT COST SENSITIVITY ANALYSIS IN
DEGENERATE TRANSPORTATION PROBLEM - A
PARAMETRIC APPROACH**

K. KAVITHA¹ AND P. PANDIAN²

¹ ²Department of Mathematics, School of Advanced Sciences,
VIT University, Vellore-632 014, India

Abstract

A new approach namely, a parametric approach for obtaining the support set invariant cost sensitivity analysis in a degenerate transportation problem is proposed which differs from the labeling algorithm and provides better results. The proposed parametric procedure is demonstrated by a numerical example.

Key Words : *Transportation problem, Degeneracy, Cost Sensitivity analysis, Support set invariant, A parametric approach.*

2000 AMS Subject Classification : 90C31.

© <http://www.ascent-journals.com>