D.G. Sotiropoulos and I.E. Livieris <u>A Greedy Approach to Transversal Selection for Nonlinear</u> <u>Systems of Equations</u>, *In Proceedings of Conference in Numerical Analysis (NumAn07)* , pp 134-136, Kalamata, September, 2007.

<u>کر</u>

Abstract -Ā Interval methods have been established for rigorously bounding all solutions of a nonlinear system of equations within a given region. In this paper, we introduce a new method for determining a good pivoting sequence for Gauss-Seidel method, based on a greedy algorithm, called 4M, solving assignment problems with worst case complexity O(n^2).