



INTISARI

Program *goal* merupakan suatu teknik pemrograman multi-obyektif yang didasarkan pada pemuasan obyek-obyeknya dengan memberikan suatu nilai target atau *goal* yang akan dicapai. Dalam dunia nyata, bagaimanapun jarang koefisien dan nilai target diketahui secara tepat, juga pembuat keputusan mungkin tidak mampu untuk menentukan secara tepat kepentingan relatif dari *goal*.

Masalah program *goal* linear tersebut di atas dapat diselesaikan dengan menggunakan formulasi program *goal* linear *fuzzy* atau model program *goal* linear standar, yaitu dengan pendekatan program *goal lexicographically* melalui pembentukan prioritas *goal preemptive* dan selanjutnya diselesaikan dengan algoritma sekuensial.

Nilai yang dihasilkan oleh formulasi program *goal* linear *fuzzy* hampir sama dengan menggunakan model program *goal* standar yang nilai targetnya telah ditambah dengan lebar toleransinya.

Kata-kata kunci: Program *Goal Linear Fuzzy*, *Lexicographically*, *Preemptive*, Algoritma Sekuensial.



ABSTRACT

Goal programming is multi-objective programming technique that concept of satisficing of objective by given a target or goal value to be achieved. In real world problems, however, it is no frequent for coefficients and target values to be known precisely, so a decision maker may not be able to determine precisely the relative importance of the goal.

Linear goal programming problems can be solved with either fuzzy linear goal programming formulation or standard linear goal programming models, by forming priority goal preemptive to obtain goal programming lexicographically approaching then solved by sequential algorithms.

The value obtained from fuzzy linear goal programming formulation is almost similar with value resulted from standard linear goal programming models which the tolerance width has add to target value.

Keywords: Fuzzy Linear Goal Programming, Lexicographically, Preemptive, Sequential Algorithms.