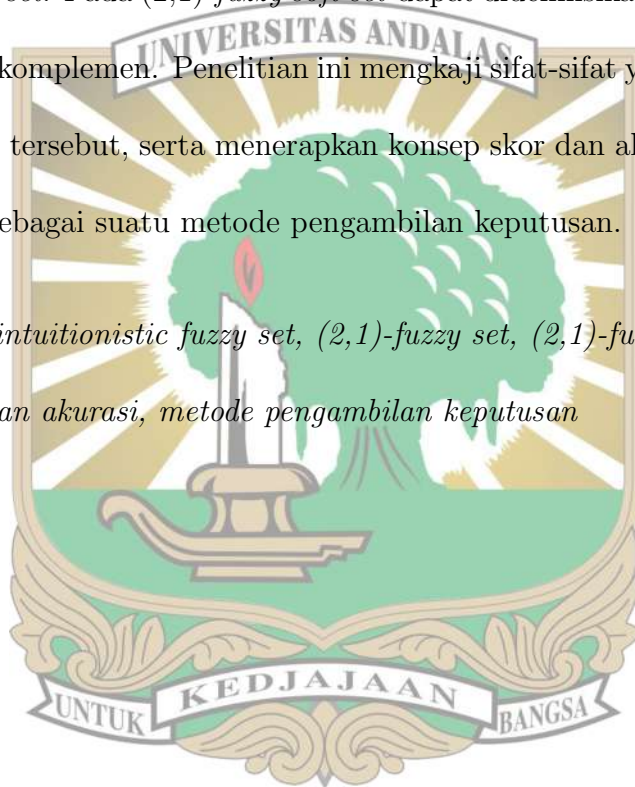# ABSTRAK

Konsep (2,1)-*fuzzy set* adalah perumuman dari konsep *intuitionistic fuzzy set*. Penggabungan konsep (2,1)-*fuzzy set* dan konsep *soft set* menghasilkan konsep (2,1)-*fuzzy soft set*. Pada (2,1)-*fuzzy soft set* dapat didefinisikan operasi gabungan, irisan, dan komplemen. Penelitian ini mengkaji sifat-sifat yang berlaku pada operasi-operasi tersebut, serta menerapkan konsep skor dan akurasi pada (2,1)-*fuzzy soft set* sebagai suatu metode pengambilan keputusan.

Kata kunci: *intuitionistic fuzzy set, (2,1)-fuzzy set, (2,1)-fuzzy soft set, operasi, skor dan akurasi, metode pengambilan keputusan*

ABSTRACT

The (2,1)-fuzzy set concept is generalization of the intuitionistic fuzzy set concept. Combining the (2,1)-fuzzy set concept and the soft set concept was came up the (2,1)-fuzzy soft set concept. On the (2,1)-fuzzy soft set are defined as union operation, intersection operation, and complementation operation. This research analyze that examines the properties of these operations and applying score and accuracy on (2,1)-fuzzy soft set as a decision making method.

Keywords: *intuitionistic fuzzy set, (2,1)-fuzzy set, (2,1)-fuzzy soft set, operation, score and accuracy, decision making method*