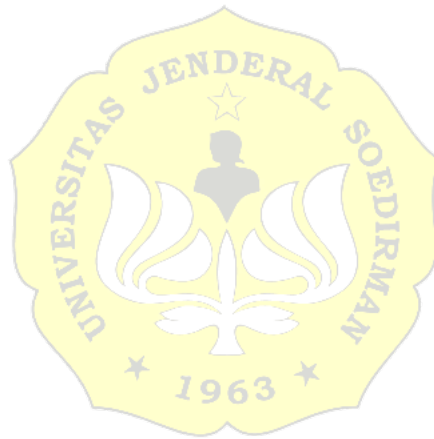


ABSTRAK

Near-ring merupakan salah satu hasil perumuman dari ring. Perumuman dilakukan dengan memperlemah beberapa aksioma dari ring, yaitu meniadakan syarat komutatif terhadap operasi penjumlahan pada ring dan sifat distributif yang berlaku cukup distributif kanan atau kiri. Penelitian ini juga mengkaji jenis-jenis *near-ring*, yaitu *near-ring* Abelian, *near-ring* distributif, *near-ring* komutatif, dan *near-ring* dengan elemen satuan serta sifat-sifat yang berlaku pada *near-ring* disertai dengan bukti dan contohnya.

Kata kunci: perumuman, ring, *near-ring*, *subnear-ring*.



ABSTRACT

Near-ring is one of the results of the generalization of the ring. The generalization is carried out by weakening several axioms of the ring, namely eliminating the commutative requirement for addition operations in the ring and the distributive properties that apply are simply right or left distributive. This research also examines the types of near-rings, namely Abelian near-rings, distributive near-rings, commutative near-rings, and near-rings with unit elements and properties that apply to near-rings accompanied by evidence and examples.

Keyword: *generalization, ring, near-ring, subnear-ring.*

