

Localizable sets and the localization of a ring at a localizable set

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The concepts of localizable set, localization of a ring and a module at a localizable set are introduced and studied. Localizable sets are generalization of Ore sets and denominator sets, and the localization of a ring/module at a localizable set is a generalization of localization of a ring/module at a denominator set.

Keywords

Localizable set, localization of a ring at a localizable set, Goldie's Theorem, the left quotient ring of a ring, the largest left quotient ring of a ring, a maximal localizable set, a maximal left denominator set, the left localization radical of a ring.

References

[1] V. V. BAVULA, *Localizable sets and the localization of a ring at a localizable set*, submitted.