

Localizable and Weakly Left Localizable Rings

V. V. Bavula¹

¹ *University of Sheffield, UK, v.bavula@sheffield.ac.uk.*

Two new classes of rings, the class of left localizable and weakly left localizable rings, are introduced. A ring R is called *weakly left localizable* if each non-nilpotent element of R is invertible in some left localization $S^{-1}R$ of the ring R . Explicit criteria are given for a ring to be a weakly left localizable ring provided the ring has only finitely many maximal left denominator sets (eg, this is the case if a ring has a left Artinian left quotient ring).