

LEFT IDEALS IN 1-PRIMITIVE NEAR-RINGS

GERHARD WENDT Johannes kepler universität linz, austria

We study the left ideals in zero symmetric and 1-primitive (right) near-rings. We will study their ideal structure when considered as subnear-rings and we will also study their multiplicative structure. We will see that each left ideal has a multiplicative right identity (under suitable finiteness conditions).