

1122-20-7

Tuval Foguel* (tfoguel@adelphi.edu), 66 Caroline Ave, Franklin Square, NY 11010.

Idempotent Quasigroups and Exponent Two Loops.

In this paper we prove that there is a one to one correspondence between finite idempotent quasigroup and finite loops of exponent 2. And we will use this correspondence to study some interesting loops of exponent two and some interesting idempotent quasigroup. (Received April 28, 2016)