1153-20-119 **Liudmila Sabinina*** (liudmila.sabinina@gmail.com), av.Universidad 1001, 62209 Cuernavaca, Morelos, Mexico. *On isotopically invariant varieties of loops.*

Let $(Q, \cdot)$ be a quasigroup and $T = (\alpha, \beta, \gamma)$ be a triple of permutations of the set $Q$. Then the quasigroup $(Q, \cdot_T)$ is called *isotopic* to $(Q, \cdot)$ if

$$x \cdot_T y = \gamma^{-1}(\alpha(x) \cdot \beta(y)).$$

It is known that the variety of groups, the variety of left Bol loops and the variety of Moufang loops form isotopically invariant varieties of loops. We will present new examples of isotopically invariant varieties of loops. (Received August 21, 2019)