COMPLEXITY OF QUASIVARIETY LATTICES FOR VARIETIES OF DIFFERENTIAL GROUPOIDS

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In 1987, Romanowska and Roszkowska found an explicit description of the lattice of varieties of differential groupoids. In 2008, the author proved that the lattice of quasivarieties of differential groupoids is $\mathcal{Q}$-universal. In the present article, we find an example of a minimal $\mathcal{Q}$-universal variety of differential groupoids.

Key words and phrases: differential groupoid, quasivariety, subdirect product, lattice of quasivarieties, $\mathcal{Q}$-universal quasivariety.

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