

Special elements of lattices of semigroup varieties

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An examination of special elements of different types in the lattice **SEM** of all semigroup varieties and the lattice **Com** of commutative semigroup varieties is a subject of a number of articles published several last years. I am going to give a brief survey of these results including several new and non-published of them. It turns out that there are both a number of surprising analogues and several significant differences between properties of special elements in **SEM** and **Com**. I plan to emphasize on these similarities and differences between behaviour of special elements in two varietal lattices.