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In this work we study the positive linear mappings and positive linear functionals on symmetric algebras of bounded linear operators on Pontryagin space  $Pi_1$ . Study based on structure of cones of positive linear operators, described by authors. Cases of degenerated and non-degenerated cones are considered. Connection with V. S. Shulmans' types of such algebras is studied (see Mat. Sbornik, 1972, 89, No 2). (Received September 19, 2016)