Invariant subspaces of J-dissipative operators in Π_{κ} and zeros of holomorphic functions

M. Denisov

In the talk we will consider the relationship between the existence of maximal semidefinite invariant subspaces of J-dissipative operators in a Pontryagin space Π_{κ} and the number and a location of zeros of holomorphic functions of a special type.

The research is supported by the RFBR grant 08-01-00566-a.