A REALIZATION THEOREM FOR
GENERALIZED NEVANLINNA FAMILIES

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Abstract. Boundary relations for a symmetric relation in a Pontryagin space are studied and the corresponding Weyl families are characterized. In particular, it is shown that every generalized Nevanlinna family can be realized as the Weyl family of a boundary relation in a Pontryagin space.


Keywords and phrases: Boundary relation, Weyl family, boundary triplet, Weyl function, Krein space, Pontryagin space, unitary relation.

REFERENCES


