

# Restriction of unitary representation

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**Happy Birthday , Bent**

## Notation:

$G$  semisimple (reductive) connected Lie group,

$\mathfrak{g}$  Lie algebra,

$K$  max compact subgroup

$\mathfrak{g} = \mathfrak{k} \oplus \mathfrak{p}$  Cartan decomposition

$\theta$  Cartan involution