

# Bled'11 - 7th Slovenian International Conference on Graph Theory

Contribution ID : 131

## Schur indices and Character Values of Association Schemes

### Content :

Each irreducible character of an association scheme  $(S, X)$  determines a simple component of the rational adjacency algebra  $QS$ . The center and dimension of the division algebra part of this simple component is determined by the field of character values and Schur index of this character. I will survey what is known about these fields of character values and the methods available for calculating these Schur indices. Most of these results have appeared in joint work with Amir Rahnamai Barghi.

**Primary authors** : ALLEN, Herman (University of Regina)

**Co-authors** :

**Presenter** : ALLEN, Herman (University of Regina)

**Session classification** : --not yet classified--

**Track classification** : Association Schemes

**Type** : Oral presentation