

**A CLASSIFICATION OF FINITE GROUPS WHOSE NON-LINEAR IRREDUCIBLE  
CHARACTERS ARE RATIONAL VALUED**

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ABSTRACT. A finite group whose irreducible complex non-linear characters are rational valued is called a  $\mathbb{Q}_1$ -group. In this talk, we present a complete classification of a  $\mathbb{Q}_1$ -group through its Sylow 2-subgroups and vanishing-off subgroup