

## **On the Covering Number of $U_3(q)$**

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Any finite noncyclic group is a finite union of proper subgroups. Given such a group  $G$ , we define the covering number of  $G$  to be the least positive integer  $m$  such that  $G$  is the union of  $m$  proper subgroups. The aim of this talk is to present recent results on the covering numbers of the projective special unitary groups  $U_3(q)$ .

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