

DOI: 10.21538/0134-4889-2016-22-3-299-307

MSC: 20E26

**ON PERIODIC GROUPS AND SHUNKOV GROUPS SATURATED  
WITH UNITARY GROUPS OF DEGREE 3**

Received April 20, 2015

**A. A. Shlepin**

We find the structure of a Sylow 2-subgroup of a periodic group and of the periodic part of a Shunkov group saturated with unitary groups of degree 3 over finite fields.

Keywords: group saturated with a set of groups, periodic group, Shunkov group, unitary group.

*A. A. Shlepin*, Cand. Sci. (Phys.-Math.), Siberian Federal University, Krasnoyarsk , 660041 Russia  
e-mail: shlyopkin@gmail.com .

Cite this article as:

A. A. Shlepin, On periodic groups and Shunkov groups saturated with unitary groups of degree 3, *Trudy Inst. Mat. Mekh. UrO RAN*, 2016, vol. 22, no. 3, pp. 299–307 .