



**SOME PRIMITIVE SUBGROUPS OF  $M_6(4, p^k)$   
OF  $GL(4, p^k)$**

B. Razzaghmaneshi

Received September 24, 2014

**Abstract**

Let  $X$  be a subgroup of  $M_6$  such that  $G \cap Y \geq SL(2, 3)$ . If  $B$  is an abelian normal subgroup of  $G$ , then  $B \leq X_0$ .

**Keywords and phrases:** primitive subgroups, general linear group, abelian normal subgroup.