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## ENUMERATION OF INTERSECTION ARRAYS OF $AT_4$ -GRAPHS WITH $q \leq 4$

D. V. Paduchikh

Let  $\mathcal{M}$  be a class of strongly regular graphs for which  $\mu$  is a nonprincipal eigenvalue. Note that the neighborhood of any vertex of an  $AT_4$ -graph lies in  $\mathcal{M}$ . Previously, the parameters of graphs from  $\mathcal{M}$  were described. In this paper, intersection arrays of  $AT_4$ -graphs with  $q \leq 4$  and the parameters of the corresponding strongly regular graphs are found.

Keywords: strongly regular graph,  $AT_4$ -graph, locally  $\mathcal{M}$ -graph.

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*Dmitrii Viktorovich Paduchikh*, Dr. Phys.-Math. Sci., Prof., Krasovskii Institute of Mathematics and Mechanics of the Ural Branch of the Russian Academy of Sciences, Yekaterinburg, 620108 Russia, e-mail: dpaduchikh@gmail.com.

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