ON AUTOMORPHISMS OF A DISTANCE-REGULAR GRAPH
WITH INTERSECTION ARRAY $\{99, 84, 1; 1, 12, 99\}$

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We find possible orders and fixed point subgraphs of a hypothetical distance-regular graph with intersection array $\{99, 84, 1; 1, 12, 99\}$. It is shown that, if Γ is a vertex-symmetric graph with intersection array $\{99, 84, 1; 1, 12, 99\}$, then its automorphism group is a $\{2, 3, 5\}$-group.

Keywords: distance-regular graph, automorphism of a graph.

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