

# What to do with the missing Moore graph?

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## **Abstract**

The existence of a regular 57-valent graph with diameter 2 and girth 5 is one of the most famous open problems in graph theory. However, due to the nature of the problem, the number of published papers devoted to this problem is extremely small. As a consequence, each person interested in the problem has to start from the beginning and the space for sharing ideas is limited. What can we, as a community, do to deal with this situation?