Abstract: We consider the result:

Main Theorem: *Let $\overline{G}$ be the Mathieu group M_{12} and $\overline{\theta}$ an involution in the center of a Sylow 2-subgroup of $\overline{G}$. Assume G is a finite group and θ an involution in G such that $C_{\overline{G}}(\overline{\theta}) \cong C_G(\theta)$. Then one of the following holds:*

1) $G \cong \overline{G}$

2) G *has a normal subgroup isomorphic to* E_8

3) $\{\theta\} = \theta^G \cap C_G(\theta)$.

This theorem has been established via modular representations in [1],[2]; our object is to prove the result using combinatorial methods. We show that if neither 2) nor 3) hold then $|G| = |\overline{G}|$ and we are now using representations of G on rank 3 geomtries to establish the full result.