

Three questions related to Majorana Theory

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Abstract

I will discuss the following questions related to the current development of the Majorana Theory:

1. How far we can get in classification of 6-transposition groups making use of the Decelle–Whybrow classification of the triangle-point groups?
2. Is it possible to classify the 6-transposition quotients of the modular group; are there finitely many of them?
3. What is the (finite) list the 3-transposition groups which do not contain the symmetric group of degree 13?