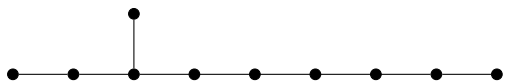
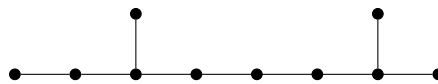


Dual graphs of curves of genus 0 contained in Enriques surfaces with finite automorphism group

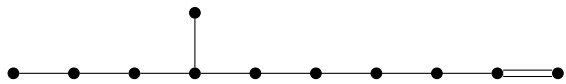
Theorem. An Enriques surface has finite automorphism group if and only if it contains curves of genus 0 giving rise to one of the following dual graphs.



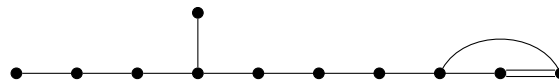
(type \tilde{E}_8)



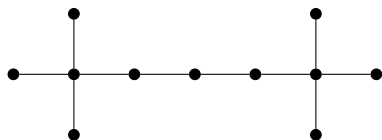
(type \tilde{D}_8)



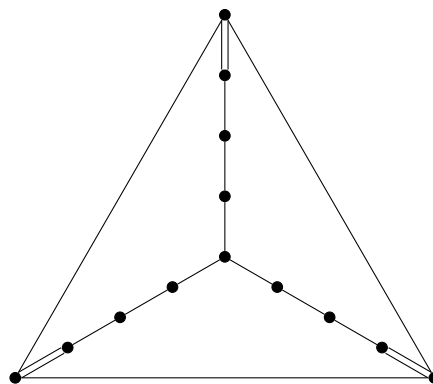
(type \tilde{E}_7)



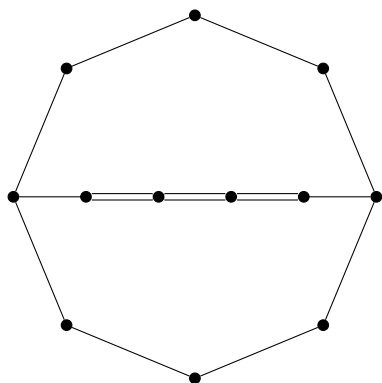
(type $\tilde{E}_7^{(2)}$)



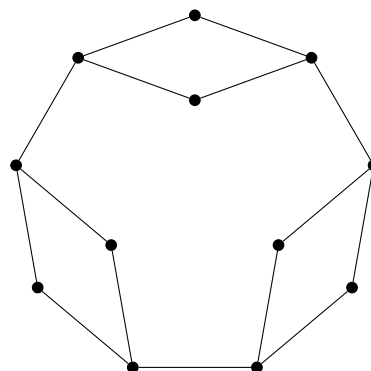
(type $2\tilde{D}_4$)



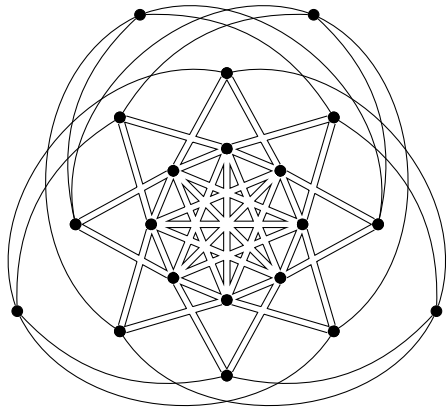
(type \tilde{E}_6)



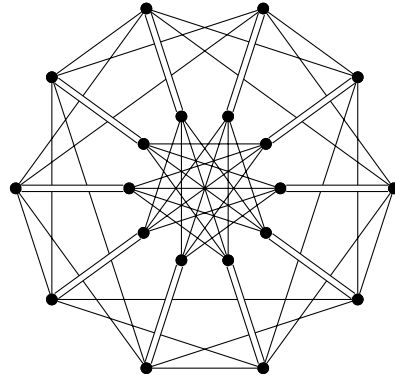
(type I)



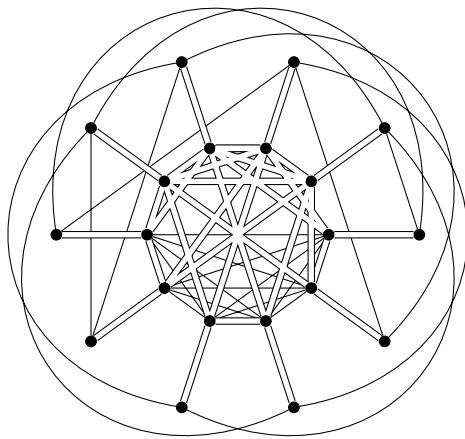
(type II)



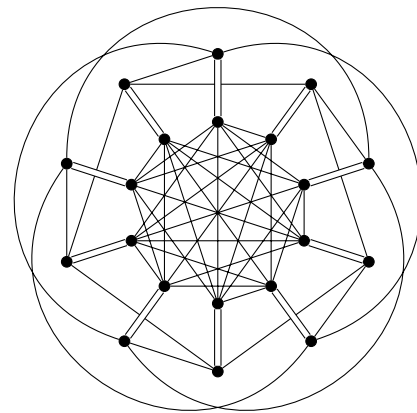
(type III)



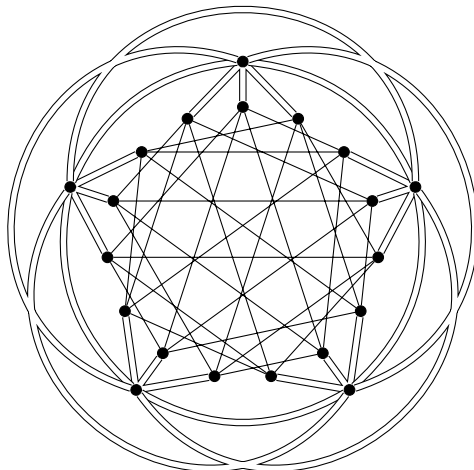
(type IV)



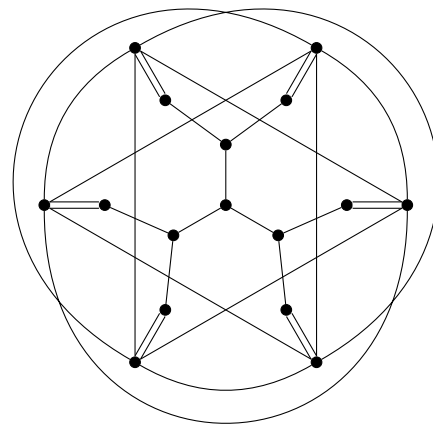
(type V)



(type VI)



(type VII)



(type VIII)

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- [1] Toshiyuki Katsura, Shigeyuki Kondō, and Gebhard Martin, *Classification of Enriques surfaces with finite automorphism group in characteristic 2*, *Algebr. Geom.* **7** (2020), no. 4, 390–459. MR 4156410
- [2] Shigeyuki Kondō, *Enriques surfaces with finite automorphism groups*, *Japan. J. Math. (N.S.)* **12** (1986), no. 2, 191–282. MR 914299
- [3] Gebhard Martin, *Enriques surfaces with finite automorphism group in positive characteristic*, *Algebr. Geom.* **6** (2019), no. 5, 592–649. MR 4009175