## Foliations on the projective plane with finite group of symmetries

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Abstract. Let  $\mathcal{F}$  denote a singular holomorphic foliation on  $\mathbb{P}^2$  having a finite automorphism group Aut( $\mathcal{F}$ ). We determine the maximal value that  $|\operatorname{Aut}(\mathcal{F})|$  can take and explicitly exhibit all the foliations attaining this maximal value. Furthermore, we classify the foliations with large but finite automorphism group.

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