Fuchsian equations with unitary monodromy

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Consider the set of second order linear Fuchsian equations on the Riemann sphere, with prescribed \( n \) singularities at \( a_1, \ldots, a_n \) and prescribed real exponent differences \( \alpha_j \). Such equations depend on \( n - 3 \) accessory parameters \( \lambda = (\lambda_1, \ldots, \lambda_{n-3}) \in \mathbb{C}^{n-3} \). Consider the set

\[ E(a_1, \ldots, a_n, \alpha_1, \ldots, \alpha_n) \]

consisting of those equations whose projective monodromy is a subgroup of \( PSU(2) \). Is it true this set is discrete for all \( a_j, \alpha_j \)?

This is known for \( n = 4 \), arXiv:1905.02537.