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The automorphism group of the tetrablock

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The tetrablock is, roughly speaking, the set of linear fractional maps that map the unit disc in the complex plane to itself; it can be regarded as a domain in \mathbb{C}^3 . It arises in H^∞ control and has a rich and explicit complex geometry. To determine its automorphism group one needs to understand its function theory, in particular to prove a Schwarz lemma for it.