
Correction to a Theorem on Total Positivity

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Abstract. A well-known theorem states that if \( f(z) \) generates a PF sequence then \( 1/f(-z) \) generates a PF sequence. We give two counterexamples which show that this is not true, and give a correct version of the theorem. In the infinite limit the result is sound: if \( f(z) \) generates a PF sequence then \( 1/f(-z) \) generates a PF sequence.

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