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A Version of the Lohwater-Pommerenke Theorem for Strongly Normal Functions

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Abstract. A new characterization of strongly normal functions, a version of the well-known Lohwater-Pommerenke Theorem for strongly normal functions, is obtained. The corresponding result for little Bloch functions is also stated. Some applications of this new characterization to algebraic differential equations are given.

Keywords. Lohwater-Pommerenke Theorem, normal functions, strongly normal functions.

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