

A CONDITION FOR UNIVALENCY

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Abstract. In this paper we establish a very simple and useful univalence criteria for a class of functions defined by an integral operator.

MSC 2000. 30C45.

Key words. Analytic function, univalent function, Löwner chain, univalence criteria.

REFERENCES

- [1] BECKER, J., *Löwnersche Differentialgleichung und quasi-konform fortsetzbare schlichte Funktionen*, J. Reine Angew. Math., **255** (1972), 23–43.
- [2] POMMERENKE, C., *Über die Subordination analytischer Funktionen*, J. Reine Angew. Math., **218** (1965), 159–173.

Received July 8, 2003

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