Sufficient conditions for the univalence of quasiconformal mappings

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Abstract

Using two methods, quasiconformal continuation involving a theorem of Hadamard and direct estimation of f(z2)-f(z1), we obtain sufficient conditions for the univalence of continuously differentiable mappings f(z) of plane domains which, in the case of conformal mappings, reduce to both well-known and new results. © 1976 Plenum Publishing Corporation.