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**Uniformly Perfect Subsets of the Real Line
and John Domains**

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Abstract. Let E be a regular compact subset of the real line. We relate the Green function for the complement of E (with respect to the extended complex plane) to some conformal map f . We establish the relationship between the geometry of E and $f(E)$.

Keywords. Green's function, uniformly perfect set, conformal invariants, John domain, c -dense set.

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