

REMARKS ON SUBHARMONIC ENVELOPES

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Abstract

We prove that the subharmonic envelope of a lower semicontinuous function on Ω is harmonic on a certain open subset of Ω , using a very classical method in potential theory. The result gives simple proofs of theorems on harmonic measures and Jensen measures obtained by Cole and Ransford.

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Key words. Subharmonic envelope, harmonic measure, Jensen measure.