## On a theorem in multi-parameter potential theory

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#### Abstract

We prove that the expected Lebesgue measure of the range of an additive L'evy process is positive if and only if the product $\operatorname{Re}([1+$ Psi_1(xi)]^\{-1\})...Re([1+Psi_N (xi)]^\{-1\}) is integrable. This was previously proved by Khoshnevisan, Xiao and Zhong [1] under a sector condition.


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Pages: 267-275
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## Bibliography

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