

## ON $p$ -HARMONIC MEASURE

JANG-MEI WU

Unlike the case  $p = 2$ , known results on  $p$ -harmonic measure for  $p \neq 2$  are sporadic; structure of sets having zero  $p$ -harmonic measure is largely unknown. We first give a survey, then discuss a recent example on non-subadditivity due to Llorente, Manfredi and the speaker. In fact, there are finitely many sets  $E_1, E_2, \dots, E_\kappa$  on  $\mathbf{R}^1$ , such that each has zero  $p$ -harmonic measure with respect to the half plane  $\mathbf{R}_+^2$ , on the other hand, their union is  $\mathbf{R}^1$ .

The construction is motivated by work of Al. Baernstein, his students, students of his students, and many others.