

COMPACT SOURCES OF UHECR

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We calculate angular autocorrelation function of UHECR observed by AGASA and Yakutsk experiments and find significant correlations at small angles corresponding to the experimental resolution. We then look for extragalactic sources which are responsible for these autocorrelations and find correlations with brightest BL Lacertae with the probability of a chance coincidence 10^{-4} . We conclude that BL Lac objects are sources of the observed UHECR.