

# Classifying uncertain blazar- like sources in the fourth Fermi LAT catalog. CAT III

[https://www-glast.stanford.edu/cgi-prot/pub\\_download?id=1741](https://www-glast.stanford.edu/cgi-prot/pub_download?id=1741)

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Among the blazar - *like* sources, one of the most very interesting class of extragalactic radio loud, gamma-ray emitters are sources with the radiative jet misaligned with the observer . Those sources are known as Misaligned Active Galactic Nuclei (MAGN). These sources are recognized as parent population of blazars then understanding MAGNs features improves also the knowledge of the energetic life of their parent sources. Using a machine-learning technique we hunt new MAGN candidates among the gamma-ray sources with uncertain classification detected by Fermi. Morphological analysis based on literature and direct observations have been used as counterparts to validate the statistical analysis.