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Applying Non-Poissonian Template Fitting to search for point sources in IceCube.

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The Non-Poissonian Template Fitting (NPTF) technique has been used to show that the excess of gamma rays observed by Fermi is likely due to a population of unresolved point sources rather than dark matter emission. The IceCube experiment has positively identified neutrinos of astrophysical origin, but as yet, no point sources have been resolved. We present an analysis that applies NPTF to IceCube data, in the search for these point sources.

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