

PID:PT2022_0138

Abstract:

Pulsar nulling remained an unexplained phenomena even after many decades of investigations. Since the nulling pulsars are only a small fraction of the total pulsar population. More these pulsars will help us understand the nulling behavior. Based no the new pulsars discovered in CRAFTS, we selected 26 pulsars with nulling to study the NF correlation with different pulsar parameters and the nulling length and nulling randomness to fully understand pulsar nulling.