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Abstract:

PSR J0540+4542 is an isolated normal pulsar with a rotational  $P = 0.4$  s discovered by the Five-hundred-meter Aperture Spherical radio Telescope (FAST) in the Commensal Radio Astronomy FAST Survey (CRAFTS). It is clear that PSR J0540+4542 has obvious subpulse drifting and has not been studied. Here, we plan to study its pulse energy distribution statistics and the pulse-to-pulse modulation properties using the observations by FAST.