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Abstract:

The Arecibo Observatory 327-MHz Drift Scan Survey has discovered 95 radio pulsars, including 14 recycled pulsars and 19 rotating radio transients (RRATs). We request 13 hours to continue timing four of these sources and for follow up of promising candidates discovered in the drift-scan survey. Because these sources are very faint, these aims can only be accomplished with the sensitivity of the FAST telescope.