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## Abstract:

We propose the observation of pulsars in M3, aiming to obtain or update their phase connected timing solutions, capturing more dynamic spectra and related scintillation arcs to study their scintillations, and searching for more pulsars. Pulsars in M3 are all highly scintillated (Hessels et al. 2007; Pan et al. 2021). In 78 observations made by Hessels et al. (2007) using Arecibo, M3B with a high detection rate in M3 only appeared 16 times. FAST increased the detection rate by more than three times. We believe that with more FAST detections of M3 pulsars, we can obtain or update timing solutions and have enough data to study their scintillations. This will be important information for further studies of M3 and its pulsars. We propose 12 3-hour observations to obtain obtain or update the timing solutions for pulsars and try to capture more dynamic spectra and scintillation arcs to study the scintillation in M3. In addition, we will use these data to search for new pulsars.