

Package: cp1919 (via r-universe)

June 30, 2026

Type Package

Title Radio Observations of the Pulse Profiles and Dispersion Measures of Twelve Pulsars

Description Successive pulses from CP 1919, the first pulsar discovered. The pulses occur every 1.337 seconds. They are caused by rapidly spinning neutron star.

Version 0.1

Suggests roxygen2

Depends R(>= 4.0.0)

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BugReports <https://github.com/pachadotdev/cp1919/issues>

URL <https://github.com/pachadotdev/cp1919>

RoxygenNote 8.0.0

Encoding UTF-8

NeedsCompilation yes

LazyData true

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Repository <https://cran.r-universe.dev>

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RemoteUrl <https://github.com/cran/cp1919>

RemoteRef HEAD

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Description

Successive pulses from CP 1919, the first pulsar discovered. The pulses occur every 1.337 seconds. They are caused by rapidly spinning neutron star.

Usage

pulsar

Format

'pulsar' A data frame with 24,000 rows and 4 columns:

measurement Labels successive pulses. The dataset contains 80 consecutive radio pulses.

time The duration of individual, consecutive radio pulses emitted by the rotating neutron star CP 1919. Each pulse lasts about 0.04 seconds.

radio_intensity The peaks and troughs of each individual pulse.

Source

<<https://www.proquest.com/docview/302499144/abstract?sourcetype=Dissertations>

Examples

```
head(pulsar)
```

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