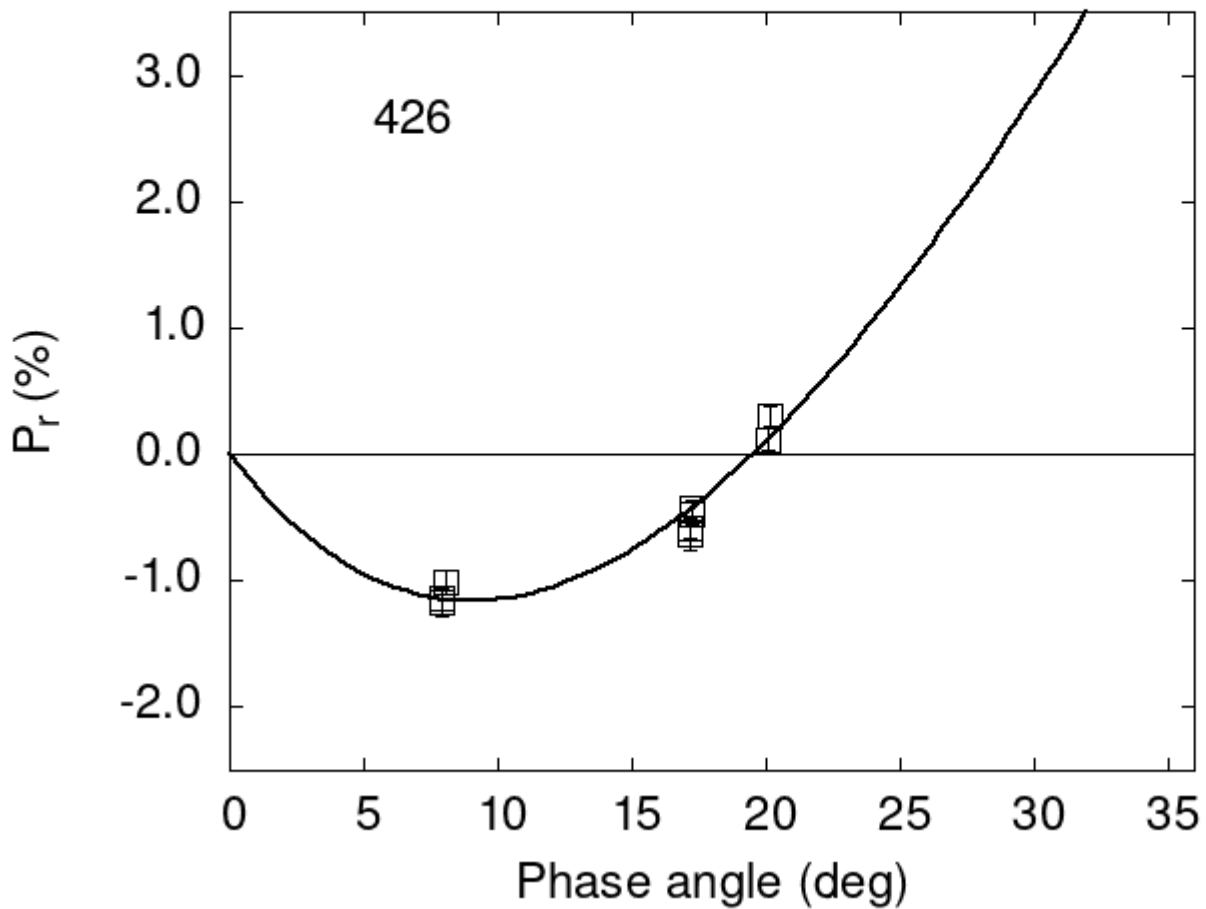


Catalogue of Asteroid Polarization Curves

Gil-Hutton (2023)



Polarimetric data:

The columns list the object number, the phase angle (degrees), P_r (%), its error, the filter used, and the reference code.

```
426 7.89 -1.17 0.11 V f
426 7.92 -1.14 0.09 V f
426 8.05 -1.01 0.09 V f
426 17.20 -0.63 0.13 V f
426 17.27 -0.47 0.09 V f
426 20.10 0.12 0.09 V a
```

426 17.27 -0.43 0.06 V a
 426 17.20 -0.58 0.09 V a
 426 20.20 0.30 0.08 V a

Polarization Curve Parameters:

The polarimetric parameters were obtained fitting the observations to a polarization curve using the function:

$$P_r(\alpha) = Coe_1 \times \left[\exp\left(-\frac{\alpha}{Coe_2}\right) - 1 \right] + Coe_3 \times \alpha,$$

where α is the phase angle in degrees. The minimum of the polarization curve is identified by Pmin, Phmin is the phase angle where Pmin is reached, Ph0 is the inversion angle, and k is the slope of the polarization curve at Ph0.

#	Coe1	eCoe1	Coe2	eCoe2	Coe3	eCoe3		
#	16.6997	0.5991	21.0278	0.9800	0.5172	0.0147		
#	Phmin	err	Pmin	err	Ph0	err	k	err
#	9.02	1.11	-1.160	0.330	19.53	0.20	0.2035	0.0186