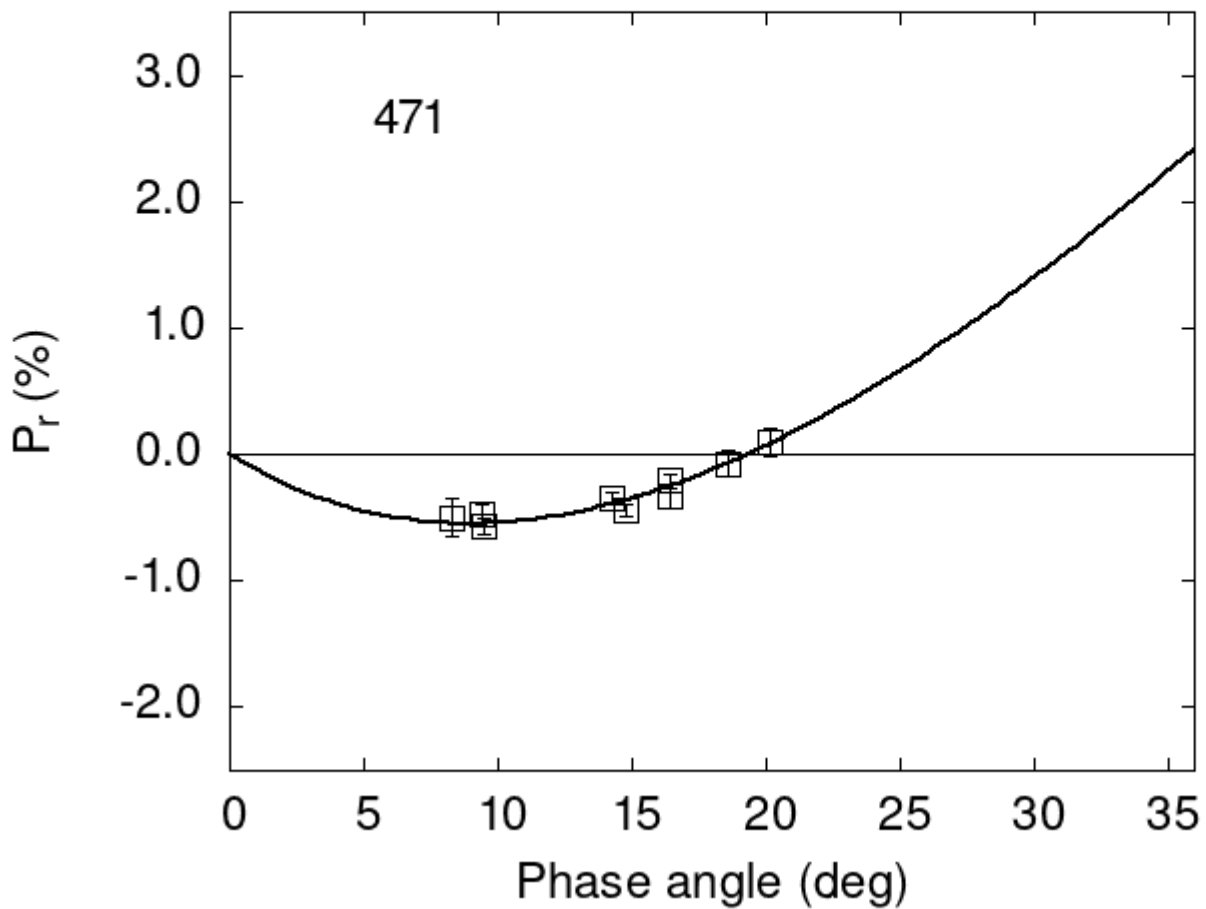


Catalogue of Asteroid Polarization Curves

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.

```
471  9.42 -0.48 0.09 V f
471 18.62 -0.07 0.10 V f
471 20.16  0.10 0.11 V f
471 16.40 -0.21 0.05 V f
471  9.45 -0.57 0.06 G a
471 14.80 -0.44 0.05 V a
```

471 14.30 -0.35 0.05 V a
 471 8.30 -0.50 0.15 V a
 471 16.40 -0.33 0.09 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		
#	8.1670	0.3280	21.2741	1.4104	0.2521	0.0110		
#	Phmin	err	Pmin	err	Ph0	err	k	err
#	8.94	1.50	-0.548	0.211	19.33	0.41	0.0974	0.0126