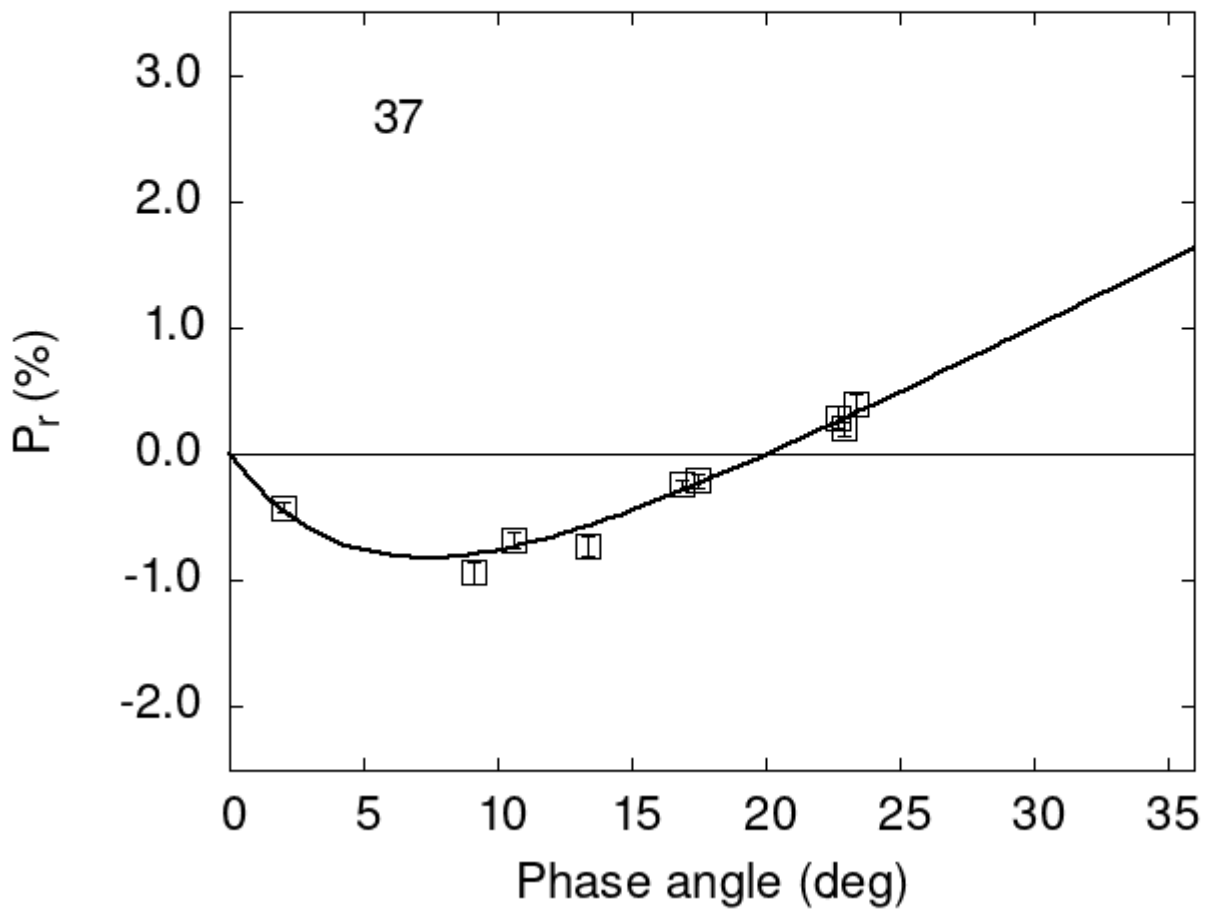


Catalogue of Asteroid Polarization Curves

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.

```
37  9.08 -0.94 0.08 V f
37 13.35 -0.73 0.08 V f
37 22.70  0.29 0.09 V f
37 23.40  0.39 0.08 V f
37 10.60 -0.68 0.06 V a
37  2.00 -0.42 0.04 V a
```

37 17.50 -0.21 0.06 V a
 37 16.90 -0.24 0.04 V a
 37 22.90 0.20 0.05 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		
#	2.1852	0.3341	5.6054	1.0201	0.1058	0.0134		
#								
#	Phmin	err	Pmin	err	Ph0	err	k	err
#	7.31	1.15	-0.819	0.298	20.08	0.42	0.0949	0.0144