Catalogue of Asteroid Polarization Curves

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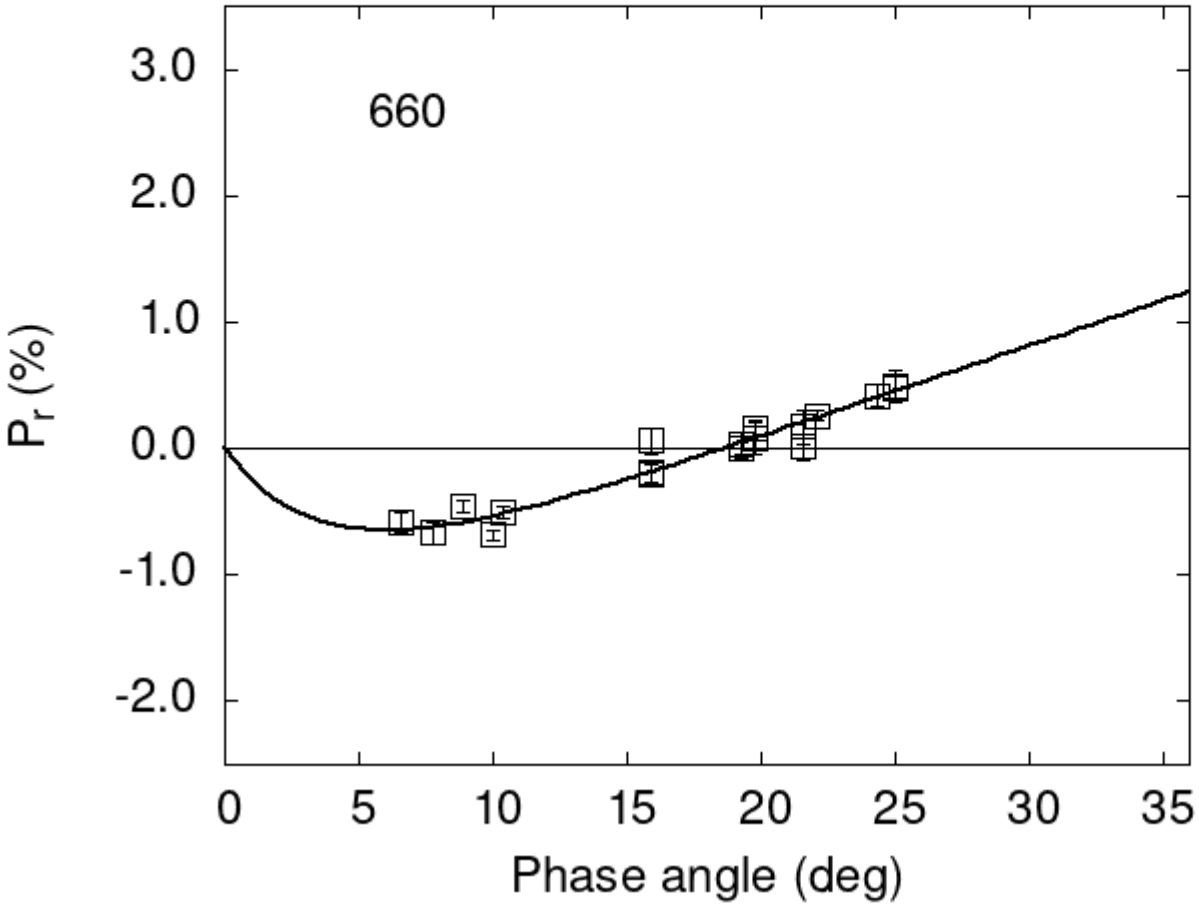

Polarimetric data:

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

```
660  6.57 -0.59 0.08 V f
660  7.79 -0.67 0.09 V f
660 24.37  0.42 0.09 V f
660 15.89  0.06 0.10 V f
660 15.89 -0.20 0.07 R f
660 21.60  0.01 0.10 V f
```

```
660 21.60  0.17 0.13 R f
660 25.02  0.47 0.10 V a
660 25.02  0.49 0.13 R a
660 19.79  0.08 0.13 V a
660 19.79  0.16 0.07 R a
660 19.24  0.03 0.10 V a
660 19.24  0.00 0.05 R a
660  8.90 -0.46 0.05 V a
660 10.00 -0.68 0.04 V a
660 10.40 -0.50 0.05 V a
660 22.10  0.26 0.04 V a
660 15.89  0.06 0.10 V b
660 15.89 -0.19 0.07 R b
660 21.60  0.01 0.10 V b
660 21.60  0.17 0.13 R b
```

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
#    1.3506   0.1795   3.7357   1.1389   0.0718   0.0080
#
#     Phmin   err   Pmin    err  Ph0    err    k      err
#      6.04  0.96 -0.649  0.201 18.68  0.58 0.0694 0.0085
```