













Not all fisheye lenses are so linear

$$r = c_1 \Phi + c_2 \Phi^2 + c_3 \Phi^3 + c_4 \Phi^4 + c_5 \Phi^5$$

```
const float C1 = 0.7145;
const float C2 = -0.0544;
const float C3 = 0.1871;
const float C4 = -0.1974;
const float C5 = 0.0509;

float r_over_len = ( phi* (C1 + phi* (C2 + phi* (C3 + phi* (C4 + phi*C5)))) ) / lenxy;
```

mjb – April 29, 2007











