

| PI/x | rad | deg | sin(x) | cos(x) |
|------|------|-----|--------|--------|
| | 0.00 | 0 | 0.00 | 1.00 |
| 12 | 0.26 | 15 | 0.26 | 0.97 |
| 6 | 0.52 | 30 | 0.50 | 0.87 |
| 5 | 0.63 | 36 | 0.59 | 0.81 |
| 4 | 0.79 | 45 | 0.71 | 0.71 |
| 3 | 1.05 | 60 | 0.87 | 0.50 |
| 2 | 1.57 | 90 | 1.00 | 0.00 |
| 1 | 3.14 | 180 | 0.00 | -1.00 |

$$e^{-5} = 0.0067$$

$$e^{-4} = 0.0183$$

$$e^{-3} = 0.0498$$

$$e^{-2} = 0.1353$$

$$e^{-1} = 0.3679$$

$$e^1 = 2.7183$$

$$e^2 = 7.3891$$

$$e^3 = 20.0855$$

$$e^4 = 54.5982$$

$$e^5 = 148.4132$$

$$\text{Implicit line equation: } f(x, y) = (y_0 - y_1)x + (x_1 - x_0)y + x_0y_1 - x_1y_0 = 0$$

$$\text{Cross product: } \mathbf{a} \times \mathbf{b} = (a_y b_z - a_z b_y, a_z b_x - a_x b_z, a_x b_y - a_y b_x)$$

$$\text{Rotation } (\alpha): \begin{bmatrix} \cos(\alpha) & -\sin(\alpha) & 0 \\ \sin(\alpha) & \cos(\alpha) & 0 \\ 0 & 0 & 1 \end{bmatrix}$$

Lagrange Form:

$$b_i = \prod_{j=0, j \neq i}^n \frac{x - x_j}{x_i - x_j}$$