

Sheet: 14

Function:

$$\sin \frac{\pi}{2} X$$

Range:

$$-1 \leq X \leq 1$$

Approximation:

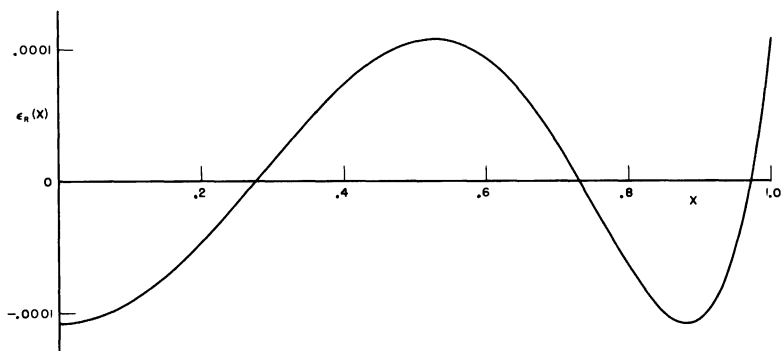
$$\sin^* \frac{\pi}{2} X = C_1 X + C_3 X^3 + C_5 X^5$$

$$C_1 = 1.5706268$$

$$C_3 = -.6432292$$

$$C_5 = .0727102$$

Error Curve (Approximation-Function)/(Function):



Comments: