

**Sparse Fourier Polynomial:  $-0.05\cos(7x) + 0.73\cos(8x) + -0.94\sin(4x) + 0.29\cos(2x) + 0.53\sin(5x) + 0.52\sin(8x) + 0.77\sin(6x) + 0.46\cos(3x)$**

