Neutral Trigonometric Function — Reference Summary 1. Core Definition: N(x) = sin(x) + cos(x) 2. Amplitude Form: N(x) = sqrt(2) sin(x + pi/4) 3. Neutrality: Bounded, periodic, neither even nor odd. 4. Balanced Zeros: x = -pi/4 + k*pi 5. Three-State: Positive / Neutral / Negative 6. Perturbation: N_e(x) = sin(x) + cos(x) + e sin(2x) 7. Directed Epsilon: e_d- <= e <= e_d+ 8. Directed Pi: pi_d- < pi < pi_d+ 9. Phase Bounds: N_d- <= N <= N_d+ 10. Concept: Neutral = balanced oscillation