

Algorithm Comparison Chart

Computational Efficiency

Guaranteed Periodicity Detection

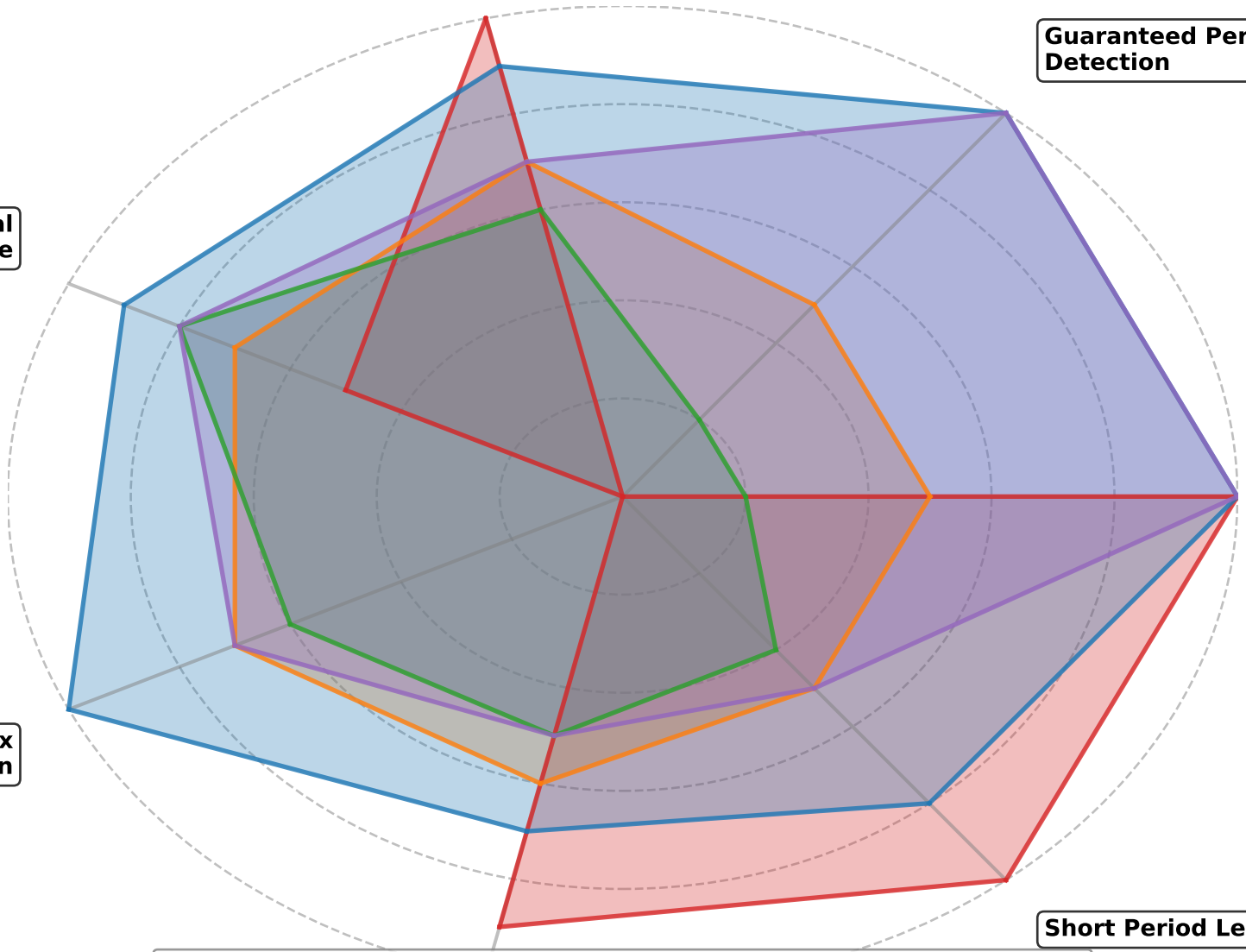
Theoretical Elegance

Handles Cubic Irrationals with Complex Roots

Matrix Interpretation

Short Period Length

Implementation Complexity (inverse)



- Traditional CF
- Jacobi-Perron
- Karpenkov's \sin^2
- HAPD (Our Work)
- Modified \sin^2 (Our Work)