| | Least squares | Uniform | Stability | Generality |
|-----------|---------------|-----------|-----------|------------|
| Lagrange | Good | OK | OK | Any |
| Legendre | Very good | Good | OK | Rational |
| Chebyshev | Very good | Very Good | OK | Rational |
| Bernstein | OK | OK | Very Good | Rational |
| Weak | Very good | OK | Very Bad | Integrable |