# **Weaknesses**

calculations have to be repeated.

# **Strengths**

For higher order polynomials the approximate result converges to the exact solution very quickly

# **Weaknesses**

* Have to start over when new data has been added or removed

# **Strengths**

easiness to add more data points for higher order interpolating polynomials.

# **Strengths**

stability and smoothness of the interpolated curve

# **Weaknesses**

Uses matrixes