

The functions and data used in this worksheet are either builtin or available in NMM toolbox. The `H2Osat.dat` file contains saturation data for water.

1. Using `vander` function construct and plot the quadratic polynomial interpolation in the range of the dataset `H2Osat.dat`.
2. Using `divDiffTable` function construct the divided-difference table. Extract the coefficients of the Newton interpolating polynomial from the divided-difference table.
3. Evaluate the interpolant at 32, 33 and 34. Verify this using `newtint`.