$\begin{array}{c} \textbf{MATLAB} \text{ (an abbreviation of "matrix laboratory") is a proprietary multi-paradigm programming} \\ \underline{\text{language and numerical computing environment developed by MathWorks. MATLAB allows matrix} \\ \underline{\text{manipulations, plotting of functions}} \text{ and data, implementation of } \underline{\text{algorithms}}, \text{ creation of } \underline{\text{user}} \\ \underline{\text{interfaces}}, \text{ and interfacing with programs written in other languages.} \end{array}$