## 1 Matlab Help on stem

STEM Discrete sequence or "stem" plot.

STEM(Y) plots the data sequence Y as stems from the x axis terminated with circles for the data value. If Y is a matrix then each column is plotted as a separate series.

 ${\tt STEM}({\tt X},{\tt Y})$  plots the data sequence Y at the values specified in X.

STEM(..., 'filled') produces a stem plot with filled markers.

STEM(...,'LINESPEC') uses the linetype specified for the stems and markers. See PLOT for possibilities.

STEM(AX,...) plots into axes with handle AX. Use GCA to get the handle to the current axes or to create one if none exist.

H = STEM(...) returns a vector of stemseries handles in H, one handle per column of data in Y.

See also plot, bar, stairs.

Questions or comments concerning this laboratory should be directed to Prof. Charles A. Bouman, School of Electrical and Computer Engineering, Purdue University, West Lafayette IN 47907; (765) 494-0340; bouman@ecn.purdue.edu