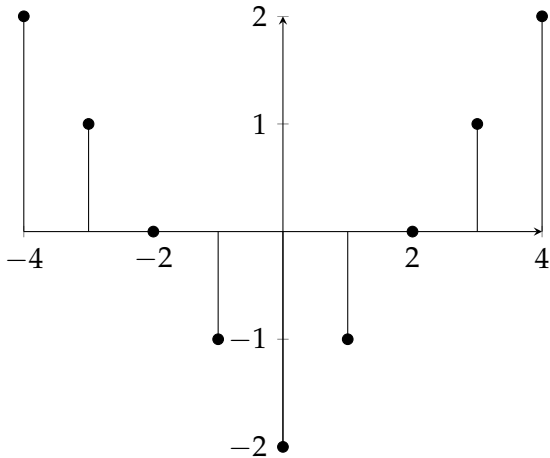




Intro to PGFPlots and TikZ

- draws high-quality function plots in normal or logarithmic scaling with a user-friendly interface directly in TEX.
- user supplies axis labels, legend entries and the plot coordinates for one or more plots
- pgfplots applies axis scaling, computes any logarithms and axis ticks and draws the plots, supporting line plots, scatter plots, piecewise constant plots, bar plots, area plots, mesh, and surface plots and some more.
- based on Till Tantau's package pgf/TikZ.

stem plot





```
\begin{tikzpicture}

\begin{axis}[
axis x line=middle,
axis y line=middle]%,
%scale only axis]

\addplot[ycomb,color=black,solid,mark=*] plot coordinates{ (-4,2) (-3,1) (-2,0) (-1,-

\end{axis}

\end{tikzpicture}
```

