Settle

\[ D(w) = d(v) \]
5 1 7 3 9 6 5

Lsp \(-\infty\) 1 1 7 3 3

L
\[
\begin{array}{c}
\hline
1 7 3 \\
\hline
\end{array}
\]

Lsp \(-\infty\)

\(\begin{array}{c}
\hline
9 6 5 \\
\hline
\end{array}\)

\(-\infty\) - \(\infty\) - \(\infty\)
\[ L \]

\[ \times 3 7 \]

\[ \text{LSP} \quad -\infty \ 1 \ 3 \]

\[ e \times 3 7 \]

\[ S \mid 3 \ 5 \ 6 \ 7 \ 9 \]

\[ \text{LSP} \quad -\infty \ 1 \ 3 \ 3 \ 3 \ 7 \]

\[ R \]

\[ \times 6 9 \]

\[ -\infty \ 5 6 \]
hello
home

Common substrings: h ho he
Largest common substring: longest cs ho he
\[
e(i,j) = \text{LCS of } x_1, y_1 \ldots x_i, y_j
\]

\[
i = 3 \quad \text{hel} \quad i = 2 \quad \text{hel}
\]

\[
j = 3 \quad \text{hom} \quad j = 4 \quad \text{hom}
\]

\[
1 + e(1,3)
\]