

# Vladimir Levenshtein

$$\text{\large lev}_{\{a,b\}}(i,j)=\begin{cases} \max(i,j) & \text{if min}(i,j)=0 \\ \min \begin{cases} \text{lev}_{\{a,b\}}(i-1,j)+1 \\ \text{lev}_{\{a,b\}}(i,j-1)+1 \\ \text{lev}_{\{a,b\}}(i-1,j-1)+1 \end{cases} & \text{otherwise.} \end{cases}$$

## references

[https://kapeli.com/cheat\\_sheets/LaTeX\\_Math\\_Symbols.docset/Contents/Resources/Documents/index](https://kapeli.com/cheat_sheets/LaTeX_Math_Symbols.docset/Contents/Resources/Documents/index)