/tikz/,/tikz/graphs/
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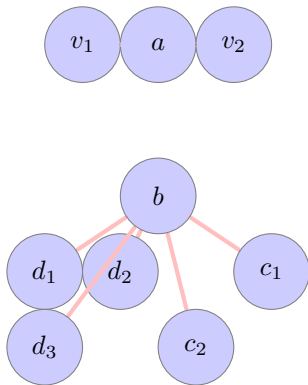
lcf

Figure 1: The neighborhood of $a \times b$ in $\mathcal{G}$. The graph $G_f^{(2)}$ is represented by the pink lines.