

This tar archive contains benchmarks used in a conference submission. The description of the formulas $F(r,m)$ is given in the file *description.pdf*. Subdirectories *set1*, *set2*, *set3* contain benchmark sets used in different tables of the manuscript.

The name of a file specifies the value of parameters r and m and variable ordering. For example, the file *F_2_800.lw.cnf* of subdirectory *set1* describes the formula $F(r,m)$ with parameters $r=2$ and $m=800$. The suffixes *lw* and *sw* correspond to two different variable orderings: from output to inputs and from inputs to output. Here *lw* and *sw* stand for *large width* and *small width* (because these two variable orderings correspond to different formula widths).