A. Additional Figures

**Figure 8.** Regret circuit for the Minkowski sum $\mathcal{X} + \mathcal{Y}$ (Section 4.2).

**Figure 9.** Regret circuit for the Lagrangian relaxation construction (Section 6.1) for the constrained set $\mathcal{X} \cap \{x : g(x) \leq 0\}$. 