T_{352} Structure —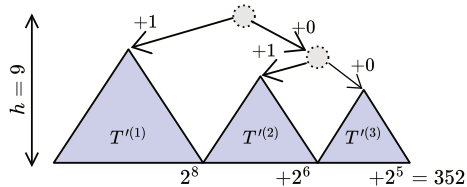 Segmented I/O Characteristics