

Figure 1: Infinite non-deterministic automaton for recognizing $(0^n 1^n)^m$

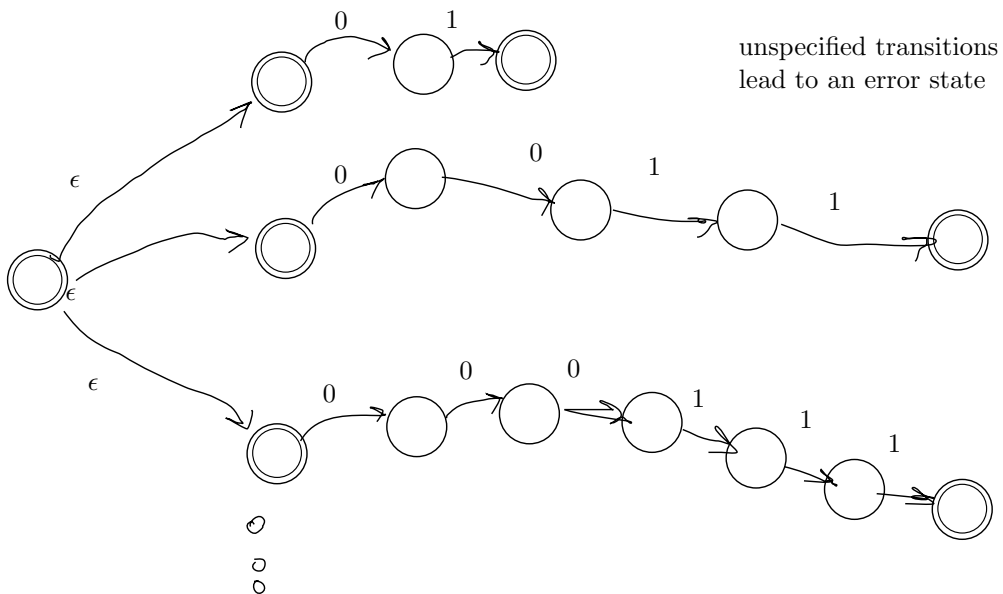


Figure 2: Infinite non-deterministic automaton to recognize $(0^n 1^n)$