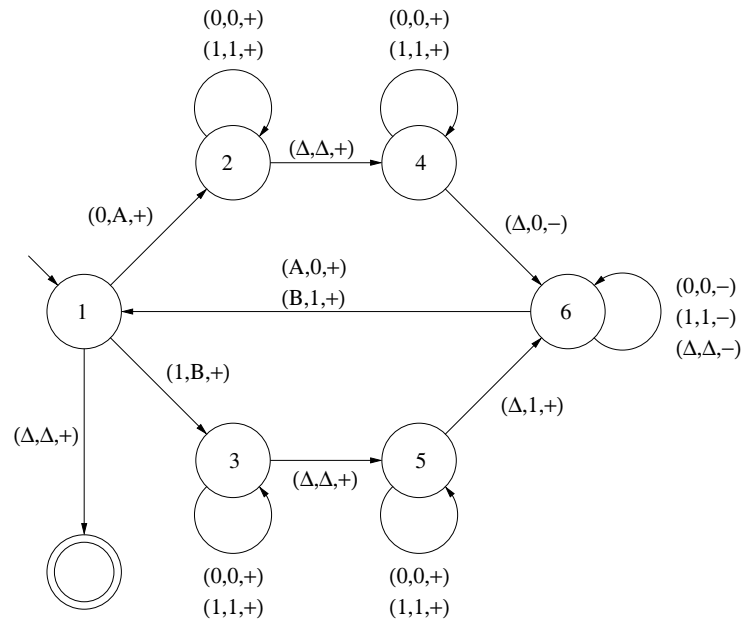


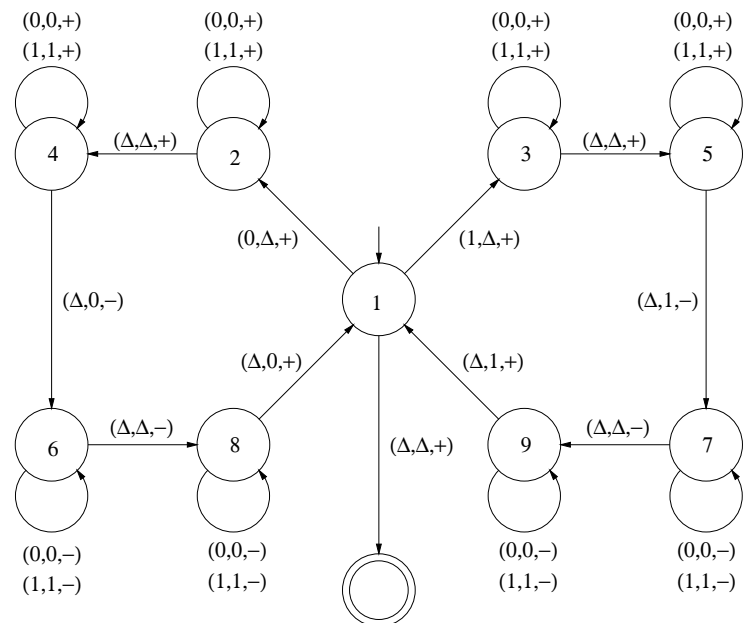
ECM3404: Logic and Computation

Solutions to the Tutorial exercise, 20th March 2009

1. A copier for strings over $\{0, 1\}$:



2. A copier for strings over $\{0, 1\}$, using no extra tape symbols:



3. A unary multiplier:

