



The current candidate for the busy beaver for five states. It is presumed that this Turing machine writes a maximum number of 1's before halting among all Turing machines with five states and the tape alphabet $\{0, 1\}$. Proving this conjecture is an open research problem.

semitransparent red text

A

First text.

■ a

A

Second text.

First text.

■ a

A

Second text. Third text. First text.

■ a

A

Second text. Third text. First text.

- a
- b

A

Second text. Third text. First text.

- a
- b
- c

A

Second text. Third text. First text.

- a
- b
- c
- d