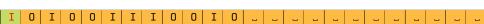
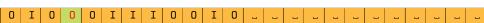
| append 0 | _ | I | 0 | |
|------------------------|--|--|--|--|
| $ ightarrow q_0 \ q_1$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ (q_1, I, \mathcal{R}) | $(q_0, 0, \mathcal{R})$ (q_0, I, \mathcal{R}) | |
| q_1 | $(q_{acc}, 1, K)$ | $(q_1, 1, K)$ | $(q_0, 1, \mathcal{K})$ | |



| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

| append 0 | _ | I | 0 |
|------------------|--|--------------------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, \ \mathtt{I}, \ \mathcal{R})$ | (q_0, I, \mathcal{R}) |
| | | | |

| append 0 | J | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |



| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

| append U | _ | 1 | Ü |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |
| | | | |

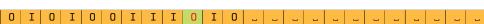
| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |



| append 0 | | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |



| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |

Halted (accepted) (Accept: q_{acc} , Reject: q_{re})

| append 0 | _ | I | 0 |
|------------------|--|-------------------------|-------------------------|
| $ ightarrow q_0$ | $(q_{acc}, 0, \mathcal{R})$ $(q_{acc}, I, \mathcal{R})$ | $(q_1, 0, \mathcal{R})$ | $(q_0, 0, \mathcal{R})$ |
| q_1 | $(q_{acc}, I, \mathcal{R})$ | (q_1, I, \mathcal{R}) | (q_0, I, \mathcal{R}) |