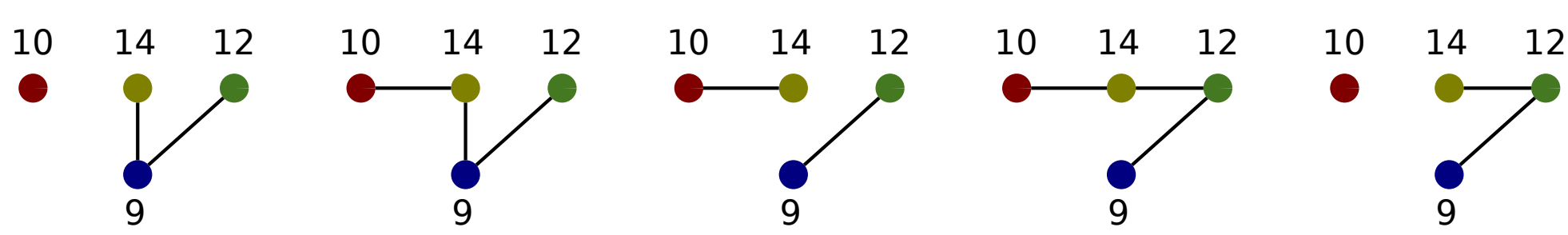
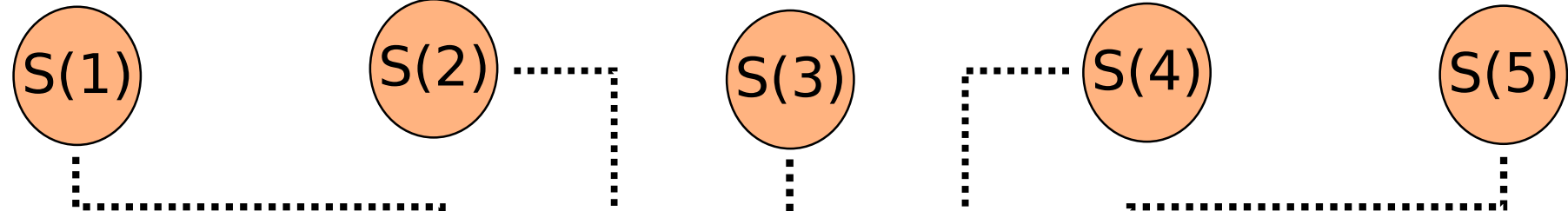


Graph sequence:



FSM states:



| | | | | | |
|--------------------|---|---|---|---|---|
| r (hand, cup) | N | T | T | T | N |
| r (hand, bucket) | N | N | N | N | N |
| r (hand, table) | N | N | N | N | N |
| r (cup, bucket) | N | N | N | T | T |
| r (cup, table) | T | T | N | N | N |
| r (bucket, table) | T | T | T | T | T |

Legend:

- hand
- cup
- table
- bucket
- objects are touching (T)
- objects are not touching (N)