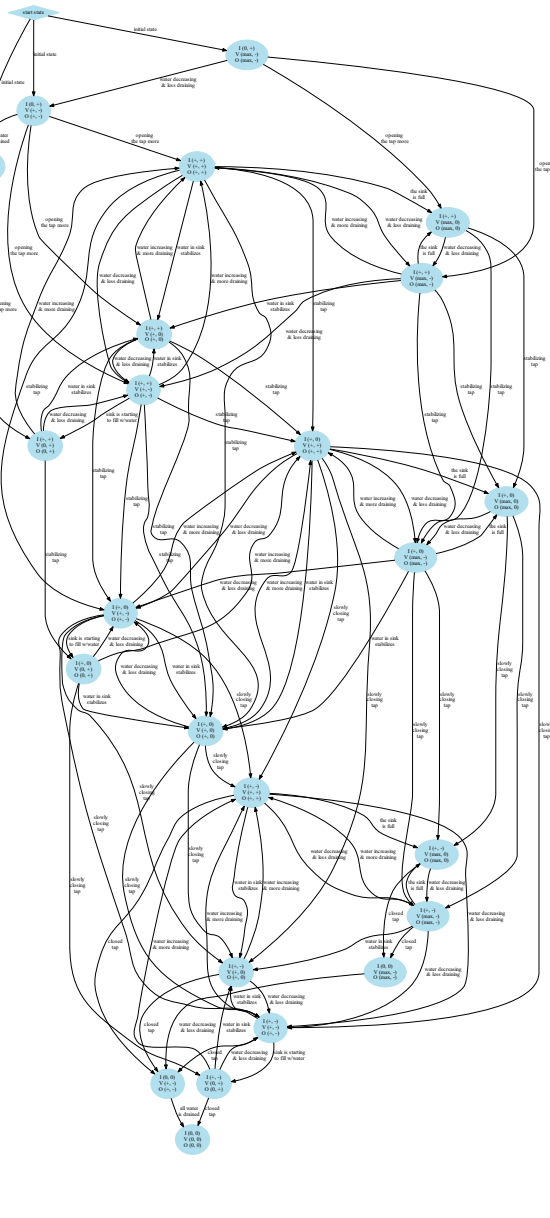
start state
initial state
I (0, +)
V (max, -)
O (max, -)
water decreasing
& less draining
I (+, -)
V (max, -)
O (max, -)
all water
is drained
I (0, +)
V (0, 0)
O (0, 0)
opening
the tap more
I (+, +)
V (+, -)
O (+, -)
the sink
is full
I (+, +)
V (max, 0)
O (max, 0)
water increasing
& more draining
water decreasing
& less draining
the sink
is full
I (+, +)
V (max, -)
O (max, -)
water decreasing
& less draining
opening
the tap more
water increasing
& more draining
water in sink
stabilizes
water decreasing
& less draining
water increasing
& more draining
water in sink
stabilizes
stabilizing
tap
water decreasing
& less draining
I (+, +)
V (+, 0)
O (+, 0)
water decreasing
& less draining
water in sink
stabilizes
stabilizing
tap
water in sink
stabilizes
water increasing
& more draining
sink is starting
to fill w/water
I (0, 0)
V (+, +)
O (+, +)
stabilizing
tap
stabilizing
tap
stabilizing
tap