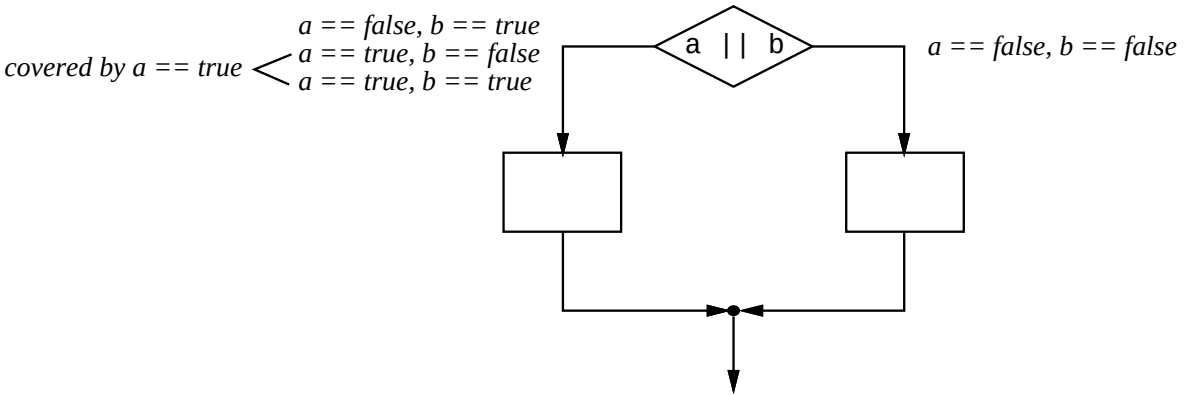
a == false, b == true
a == true, b == false
a == true, b == true
covered by a == true
a || b
a == false, b == false