(a) f < 0, since f is not watched, nothing c : watched rins { C, b} b. watched pins b, 83 watching-05 c3 a: watched pins {a, d} Watching-0 & 3 watching-Known {} watching-083 Watching-18b, Ct watching -1 53 watching-known & 3 watching-known Eas c i watched pinse c, g} (b) b<1 watched pinsed, kf watching-osc3 a: watched pins {a,d} b: Watching-0 & 3 watching-187 watching-known 83 watching-0£3 Watching-183 watching -1 53 watching-knowned watching-known {a} nothing changed (c) e < 0: not watched, c : watched pinse c, g} walched pinsely, kg a: watched pins {a,d} b: watching-05 c3 Watching-0 £ 3 Watching-1 £ 3 watching-187 watching-known 83 watching-0£3 watching -153 watching-knowned watching-known {a} (d) a < 1 c: watched rinse c, g} watched pinsed, kg a: watched pinstands b: watching-osc3 Watching-0 { 3 watching-183 watching-known 83 watching-083 Watching-153 watching - 1 £3 watching-known 23 watching-known {} d is implied to be o' nothing changed (e) 241, not watched, c : watched pinse c, g} watched pinsed, kg a: watched pinsta, df b: watching-0s c] Watching-0 { 3 watching-0£3 watching-187 watching-known {} Watching-183 watching -153 watching-knowned watching-known {}

changed

watching 153 Watching-1 \$ } watching - 153 watching-known {} watching-known&3 watching-known {} (9) g to c: watched rinselinhs watched pins { b, k} a: watched pins {a, d} b: watching-053 watching-0 & 3 watching-1 £ } watching-187 watching-known {} watching-0£3 watching -153 watching-known & 3 watching-known Ef "c is implied to be o" c : watched rinse i, h} a: watched pins {a, d} b: watched pins {i,k} (h) h < 1 watching-053 watching-1{}

Watching-1 \$ }

watching-known & 3

a: watched pins {a, d} b: watched pins {i,k}

(f) 'x & 0

watching-083

watching-Of3

watching - 153

watching-known {}

```
watched pins: { c, b }
watched pins: { a, d }
watching-0: {}
                                                       watching-0: { c }
watching-1: {}
                                                       watching-1: { }
watching-known: { a }
                                                       watching-known: { }
         watched pins: { b, j }
         watching-0: {}
                                                    watched pins
         watching-1: { b, c }
```

c: watched rins { C, g}

watching-of c3

watching-known {}