```
~at(b,Situation_3) | at(a,walk(a,Situation_3))
                                                                                                                                                                                            Risoluzione Ordinata { S_16 <- walk(a,Situation_3) }
                                                                                                                                                                                                     ~at(b,Situation_17)
                                                                                                         \simcold(Situation_6) | \simat(c,Situation_6) | at(b,skate(b,Situation_6))
                                                                                                                                             Risoluzione Ordinata
                                                                                                                                    { Situation_17 <- skate(b,Situation_6) }
                                                          ~at(d,Situation_10) | at(c,go(c,Situation_10))
                                                                                                                               ~cold(Situation_25) | ~at(c,Situation_25)
                                                                                                                                           Risoluzione Ordinata
                                                                                                                                   { Situation_25 <- go(c, Situation_10) }
                            ~at(f,Situation_14) | at(d,go(d,Situation_14))
                                                                                                                   ~cold(go(c,Situation_26)) | ~at(d,Situation_26)
                                                                                                                                       Risoluzione Ordinata
                                                                                                                               { Situation_26 <- go(d,Situation_14) }
                                                                                                                ~cold(go(c,go(d,Situation_28))) | ~at(f,Situation_28)
at(f,s0)
                                                                                                                                             Risoluzione Ordinata
                                                                                                                                            { Situation_28 <- s0 }
                                                                          warm(Situation1_0) | cold(Situation2_0)
                                                                                                                                          ~cold(go(c,go(d,s0)))
                                                                                                                                                            Risoluzione Ordinata
                                                                                                                                                      \{ Situation2_0 \leftarrow go(c,go(d,s0)) \}
                                                               \simwarm(Situation_8) | \simat(d,Situation_8) | at(b,climb(b,Situation_8))
                                                                                                                                                              warm(Situation1_30)
                                                                                                                             Semplificazione Clausale { Situation1_30 <- Situation1_8 }
                                                                                                       ~at(d,Situation_8) | at(b,climb(b,Situation_8))
                                                                                                                           Risoluzione Ordinata
                                                                                                                  { Situation_17 <- climb(b,Situation_8) }
                                                                                                                     ~at(d,Situation_32)
                                                Risoluzione Ordinata
                             ~at(f,Situation_14) }
                     Risoluzione Ordinata
                    { Situation_33 <- s0 }
```

 \sim at(a,S_16)