```
~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_20) | ~at(c,Situation_20)
                                                                                                                                           Risoluzione Ordinata
                                                                                                                                   { Situation_20 <- go(c, Situation_10) }
                             ~at(f,Situation_14) | at(d,go(d,Situation_14))
                                                                                                                    ~cold(go(c,Situation_21)) | ~at(d,Situation_21)
                                                                                                                                        Risoluzione Ordinata
                                                                                                                                { Situation_21 <- go(d,Situation_14) }
                                                                                                                 \simcold(go(c,go(d,Situation_24))) | \simat(f,Situation_24)
at(f,s0)
                                                                                                                                             Risoluzione Ordinata
                                                                                                                                             { Situation_24 <- 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_34 <- s0 }
```

 \sim at(a,S_16)