```
~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) }
                                                             warm(Situation1_0) | cold(Situation2_0)
                                                                                                                              ~cold(go(c,Situation_21)) | ~at(d,Situation_21)
                                                                                                                                   Risoluzione Ordinata { Situation2_0 <- go(c,Situation_21) }
                                     ~at(f,Situation_14) | at(d,go(d,Situation_14))
                                                                                                                    ~at(d,Situation_23) | warm(Situation1_23)
                                                                                                                                      Risoluzione Ordinata
                                                                                                                              { Situation_23 <- go(d,Situation_14) }
at(f,s0)
                                                                                                                    warm(Situation1_25) \mid \sim at(f,Situation_25)
                                                                                                                                                             Risoluzione Ordinata
                                                                                                                                                            { Situation_25 <- s0 }
                                                                 \sim warm(Situation_8) | \sim at(d,Situation_8) | at(b,climb(b,Situation_8))
                                                                                                                                                                  warm(Situation1_28)
                                                                                                                                Semplificazione Clausale { Situation1_28 <- Situation1_8 }
                                                                                                          ~at(d,Situation_8) | at(b,climb(b,Situation_8))
                                                                                                                              Risoluzione Ordinata
                                                                                                                     { Situation_17 <- climb(b,Situation_8) }
                                                                                                                         ~at(d,Situation_33)
                                                 Risoluzione Ordinata
                             ~at(f,Situation_14) }
                      Risoluzione Ordinata
                     { Situation_35 <- s0 }
```

 $\sim$ at(a,S\_16)