```
1 (H⊃D)
2 (U⊃S)
                                           /
                                                     (H \cdot U) \supset (S \cdot D)
               (H · U)
                                           ACP
      3
      4
               Н
                                           3 Simp
      5
                                           1,4 MP
      6
               (U · H)
                                           3 Com
      7
               U
                                           6 Simp
      8
               S
                                           2,7 MP
      9
                (S · D)
                                           8,5 Conj
10 (H \cdot U) \supset (S \cdot D)
                                           3-9 CP
```

Sem condicional

Sem condicional

	Sem condicional		
1	P ⊃ (I ⊃ W)		
2	I ⊃ (W ⊃ S)	/	P ⊃ (I ⊃
3	$(I \cdot W) \supset S$	2 Exp	
4	$(P \cdot I) \supset W$	1 Exp	
5	$(W \cdot I) \supset S$	3 Com	
6	$W\supset (I\supset S)$	5 Exp	
7	$(P \cdot I) \supset (I \supset S)$	4,6 HS	
8	$[(P \cdot I) \cdot I] \supset S$	7 Exp	
9	$[P \cdot (I \cdot I)] \supset S$	8 Assoc	
10	$(P \cdot I) \supset S$	9 Taut	
11	$P\supset (I\supset S)$	10 Exp	

S)

```
3
```

1 $D \equiv (S \supset F)$ 2 $R \supset (D \cdot P)$

3 S

```
4 [D \supset (S \supset F)] \cdot [(S \supset F) \supset D]
                                                 1 Equiv
     D\supset (S\supset F)
                                                 4 Simp
       6
                                                 ACP
       7
                  (D · P)
                                                 2 MP
       8
                  D
                                                 7 Simp
       9
                  (S \supset F)
                                                 5 MP
      10
                  ~S v F
                                                 9 Impl
      11
                  ~~S
                                                 3 DN
      12
                                                 10,11 DS
13 (R⊃F)
                                                 6-12 CD
                    Sem condicional
     D \equiv (S \supset F)
2
     R \supset (D \cdot P)
3
     S
                                                 /
                                                             (R \supset F)
4
5
6
7
8
9
10
1 (A ⊃ H)
2 (F v W) ⊃ L
                                                 /
                                                             (H \supset F) \supset (A \supset L)
                                                 ACP
       3 (H⊃F)
               4 A
                                                 ACP
                5 H
                                                 1,4 MP
                6 F
                                                 3,5 MP
               7 (F v W)
                                                 6 Add
               8 L
                                                 2,7 MP
         9 (A ⊃ L)
                                                 4-8 CP
 10 (H \supsetF) \supset (A \supset L)
                                                 3-9 CP
                    Sem condicional
1 (A⊃H)
2 (F v W) ⊃ L
                                                 /
                                                             (H \supset F) \supset (A \supset L)
```

 $(R \supset F)$