$\cancel{D_1} ; \cancel{D_2} ; D_3 ; C_1 \qquad \cancel{PRINT(PLUTO(42, Z))}$

$S = \emptyset$

$\sigma = \emptyset$

$\Rightarrow S = [Z, L_0] [PLUTO, \lambda_1(VAR\ a, CONST\ b).\{P';C\}]$

$\sigma = [L_0, -7]$

$\Rightarrow \cancel{D_4} ; \cancel{C_2} ; C_3 \qquad\qquad \cancel{C_4} ; C_3$

$S = [\cdots) [a, L_1] [b, (-7 \cdot 0)] \Rightarrow S = [\cdots) [RES, L_2] \Rightarrow$

$\sigma = [\cdots] [L_1, 42] \qquad\qquad \sigma = [\cdots] [L_2, 42]$

$\cancel{C_3 = RETURN\ RES;} \qquad\qquad RETURN\ 42 \circ 84$

$\Rightarrow S = [\cdots] [RES, L_2]$

$\sigma = [\cdots] [L_2, (42 \circ 84)] \Rightarrow S = [Z, L_0] [PLUTO, \lambda_1]$

$\sigma = [L_0, -7]$

```
DFS(G){

    FOR(OGNI VERTICE){
        u.COLOR = BIANCO;
        u.PRED = NULL;
    }
    TIME = 0;
    FOR(OGNI VERTICE){

        IF(u.COLOR == BIANCO)
            DFS_VISIT(u);
    }
}
```

```
DFS_VISIT(u){

    u.COLOR = GRIGIO;
    TIME = TIME + 1;
    u.d = TIME;
    FOR(OGNI VERTICE ADIACENTE){
        IF(v.COLOR == BIANCO)
            v.p = u;
            DFS_VISIT(v);
    }
    u.COLOR = NERO;
    TIME = TIME + 1;
    u.F = TIME;
}
```

```
FUNCTION   ALBERI UGUALI (t1, t2){
    IF( t1 == NULL   && t2 == NULL)
        RETURN TRUE;
    IF( t1 == NULL   || t2 == NULL)
        RETURN FALSE;
    RETURN ( t1.VAL == t2.VAL && ALBERI UGUALI (t1.SX, t2.SX)
             && ALBERI UGUALI (t1.DX, t2.DX))
```