

*PODEM()*

**begin**

**if** (error at PO) **then return** SUCCESS

**if** (test not possible) **then return** FAILURE

$(k, v_k) = \text{Objective}()$

$(j, v_j) = \text{Backtrace}(k, v_k)$  /\*  $j$  is a PI \*/

*Imply*  $(j, v_j)$

**if** *PODEM()* = SUCCESS **then return** SUCCESS

/\* reverse decision \*/

*Imply*  $(j, \bar{v}_j)$

**if** *PODEM()* = SUCCESS **then return** SUCCESS

*Imply*  $(j, x)$

**return** FAILURE

**end**

**Figure 6.30** PODEM