```
(DEFPROP SK
 (LAMBDA NIL
  (COND
   15K
    (COND
    ((CDR SK)
      (COND
       ((CDAR SK)
        (RPLACE (CAR SK) (CDDAR SK)))))
     ((SU) (RPLACA (CDAR SK) (CDADAR SK))
      (SD))))))
 EXPR)
(DEFPROP SIP
 (LAMBDA NIL
 (SKI (LIST (CADAR SK))))
 EXPR)
(DEFPROP SDP
 (LAMBDA NIL
  (COND ((PATOM (CABAR SK)))
   ((MAPC (FUNCTION SI) (CADAR SK)) (SK)))
 EXPRI
(DEFPROP $1
 (LAMBDA (A)
  (COND
   ((AND SK A)
    (COND
      ((CDR SK)
       ((COND ((CDAR SK) (QUOTE RPLACE))
        ( ( GUOTE NOONC) )
        (CAR SK)
       (CONS A (CDAR SK)))
       (SR))
      ((BU)
       (RPLACA (CDAR SK) (CONS A (CADAR SKII)
       (SD)
       (SR))))))
  EXPR)
 IDEFPROP SKI
  (LAMBDA (A)
   (PROG2 (SI A)
    (SK)))
  EXPR)
 (DEFPROP SS
  (LAMBDA SS3
   ((LAMBDA (A SS SU SL)
     IPROG NIL
      A
      (COND
```

(ISETO SS3

```
((LAMBDA (SK SD)
          (COND
           ((AND . (883 A)
             (EQ (SETQ $5 (SUB1 $5)) 0))
             (LIST SK SD))))
         SK.
         SD))
       (SETQ SK (CAR $83))
       (SETQ SD (CADR $S3)))
      ((OR (SD)
        (SR)
        (AND (CDR SD) (SU) (SR)))
       (GO A))
      ((SETO SK SU) (SETO SD SL)
       (PRINC (QUOTE SEARCH/ FAILS))
   (ARG 1)
   (COND ((EQ $53 2) (ARG 2))
   SK
   SD))
EXPR)
IDEFPROP SS3
 (LAMBDA (A)
 (COND ((EGUAL A (CDAR SK)) (SU) (SR))
    (COND ((EQ A (QUOTE /))) ($U) ($R))))
   ((EG A (GUOTE $3)))
   ((EQUAL A (CADAR SK)) (SR))
   ((EQ A (QUOTE S)) (PATOM (CADAR SK)))
   ((EW A (QUOTE $5)))
   ((EQ A (QUOTE /()) (SD))
   ((PATOM A) NIL)
   ((AND A (#83 (CAR A))) (883 (CDR A)))))
EXPR!
(DEFFROP SSYM
 (LAMBDA (A)
  (PROG (BASE)
   (SETQ BASE 10)
   (RETURN
    (MAKNAM
     (APPEND (EXPLODE A)
      (EXPLODE (SETO SSYM (ADD1 SSYM))))))
EXPR)
(DEFPROP SE
 (LAMBDA SB
  (PROG (SNB)
   (SETQ SNB
    (COND
     ((GET (QUOTE SB) (CAR SY))
      (INTERN (SSYM (CAR SY))))
     ((CAR SY))))
   (SETQ SE
```

```
(COND ((GREATERP SB 0) (ARG 1))
  (SETO SB
   (COND ((NUMBERP $B) ($NB $B))
    (($NB 0))))
  (NCONC (GET (QUOTE SB) (QUOTE BREAK))
   (LIST SNB))
  (PUTPROP (QUOTE $B)
   (LIST (QUOTE BREAK)
    SY
    (COND ((CDAR SK) (CADAR SK)))
    SK
    SD)
   SNB)
  ISKI
   (LIST (QUOTE SBREAK)
    SNB
    58
    (COND ((CDAR SK) (CADAR SK))))))
EXPR)
(DEFPROP SNB
 (LAMBDA (A)
  (PROG (SNB)
   (SETQ SNB (INTERN (SSYM (QUOTE BK))))
   (SET SNB 1)
   (RETURN
   (COND ((ZEROP A) SNB)
     ((LIST (QUOTE GREATERP)
       (LIST (QUOTE SETQ)
        (LIST (QUOTE ADD1) SNB))
       A))))))
 EXPR)
(DEFPROP SBREAK
 (LAMBDA (KNZUG)
  (PROG (KSZRT SBREAK)
   (COND
    ((SETO KSERT (EVAL (CADR KNZUG)))
      (TERPRI)
      (PRINC (QUOTE BREAK/ ))
      (PRINC (CAR KNZUG))
      (SBL)))
    (SETG SBREAK (EVAL (CADDR KNZUG)))
    (COND
     (KSZRT (TERPRI)
      (PRINC (QUOTE EXIT/ VALUE/ ))
      (PRINT SBREAK)
     (PRINT (QUOTE BREAK))
      (SBL)))
    (RETURN SBREAK)))
  FEXPR)
```

(LAMBDA NIL