Recursive Factorial

INVOCATION:
(! (FACTORIAL $N $RESULT))

```
                            START
           (? (<= $N 1))          (? (<> $N 1))

                S1                        S3

                                (! (FACTORIAL (- $N 1) $RES2))
        (! (= $RESULT $N))
                                          S4

               END1             (! (= $RESULT (* $N $RES2)))

                                          END2
```
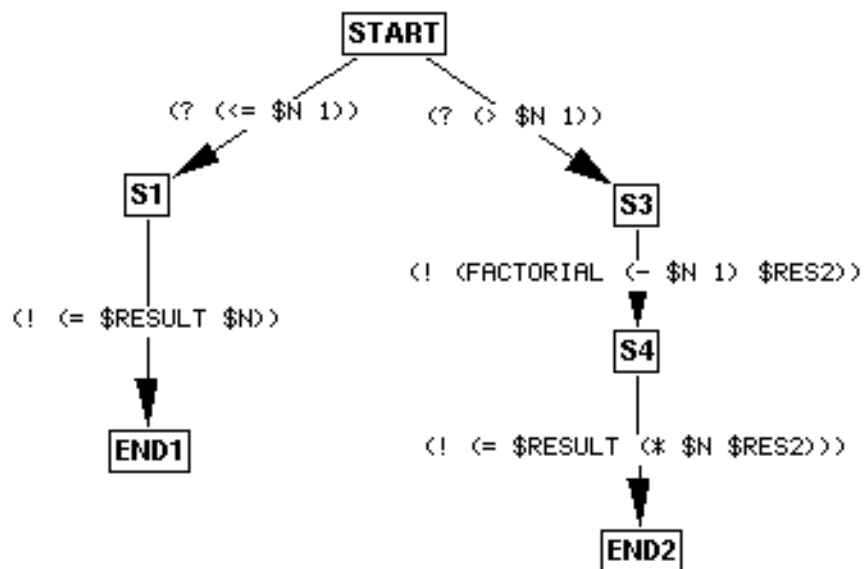
PROPERTIES:
((RECURSIVE T))

DOCUMENTATION:
"This KA computes the Factorial of $n in a recursive manner.
Note the RECURSIVE T property which will be used by the
Meta KA to decide which KA to intend."