Iteration # 0

Next State(s): T^4+(X^3+X^2+X+1)*T^2+(X^2+1)*T

Newly reached states: T^3+(X^2)*T^2+(X^3+X^2)*T

Currently reached states:
T^4+(X^3+X^2+X+1)*T^2+(X^2+1)*T

Iteration # 1

Next State(s):
T^5+(X^3+X^2+X)*T^4+(X^3+X^2+X+1)*T^3+(X+1)*T

Newly reached states: T+(X^3+X^2+X)

Currently reached states:
T^5+(X^3+X^2+X)*T^4+(X^3+X^2+X+1)*T^3+(X+1)*T

Iteration # 2

Next State(s):
T^4+(X^3+X^2+X)*T^3+(X^2+X)*T^2+(X^2)*T+(X)

Newly reached states: T^2+(X^2+X)*T+1

Currently reached states:
T^7+(X^3)*T^6+(X^3+X^2)*T^5+(X^3+X)*T^4+(X^3+X^2)*T^3
+(X^3+X)*T^2+(X+1)*T

Iteration # 3

Next State(s):
T^6+(X^3+X+1)*T^5+(X^2+X+1)*T^4+(X^2+X)*T^3+(X^3+1)*T
^2+(X)*T+(X^2)

Newly reached states: T^3+T^2+(X^2+1)*T+(X^3)

Currently reached states:
T^9+(X^3+X^2+1)*T^8+(X+1)*T^5+(X^2)*T^4+(X^3+X^2)*T^3
+(X^3)*T^2+(X^2+X)*T

Iteration # 4

Next State(s):
T^8+(X+1)*T^7+T^6+(X^3+X^2+X)*T^5+(X^3)*T^4+(X^3+X^2+
1)*T^3+(X^2+X)*T^2+(X^3+X)*T

Newly reached states: 1

*************** TERMINATE! ***************

BFS depth: 4

Final reachable states:
T^9+(X^3+X^2+1)*T^8+(X+1)*T^5+(X^2)*T^4+(X^3+X^2)*T^3
+(X^3)*T^2+(X^2+X)*T