outer_dfs-stack	inner_dfs-stack	marked	flagged
ε	ε	$\varnothing$	$\varnothing$
0	ε	$\{0\}$	$\varnothing$
1, 0	ε	$\{0, 1\}$	$\varnothing$
2, 0	ε	$\{0, 1, 2\}$	$\varnothing$
3, 2, 0	ε	$\{0, 1, 2, 3\}$	$\varnothing$
4, 3, 2, 0	ε	$\{0, 1, 2, 3, 4\}$	$\varnothing$
5, 4, 3, 2, 0	ε	$\{0, 1, 2, 3, 4, 5\}$	$\varnothing$
7, 5, 4, 3, 2, 0	ε	$\{0, 1, 2, 3, 4, 5, 7\}$	$\varnothing$
11, 7, 5, 4, 3, 2, 0	ε	$\{0, 1, 2, 3, 4, 5, 7, 11\}$	$\varnothing$
5, 4, 3, 2, 0	5	$\{0, 1, 2, 3, 4, 5, 7, 11\}$	$\{5\}$
5, 4, 3, 2, 0	7, 5	$\{0, 1, 2, 3, 4, 5, 7, 11\}$	$\{5, 7\}$
5, 4, 3, 2, 0	11, 7, 5	$\{0, 1, 2, 3, 4, 5, 7, 11\}$	$\{5, 7, 11\}$
6, 4, 3, 2, 0	ε	$\{0, 1, 2, 3, 4, 5, 6, 7, 11\}$	$\{5, 7, 11\}$
4, 3, 2, 0	4	$\{0, 1, 2, 3, 4, 5, 6, 7, 11\}$	$\{4, 5, 7, 11\}$
4, 3, 2, 0	6, 4	$\{0, 1, 2, 3, 4, 5, 6, 7, 11\}$	$\{4, 5, 6, 7, 11\}$

terminate(false)

$$word = 0\ 2\ 3\ 4\ (\ 6\ 2\ 3\ 4\ )^{\omega}$$