

FRIST QUERY

1. $eo([1,2,3,4,5], [a,b,c], L)$ calls: - $eo([2,3,4,5], [b,c], T)$ with $L = [1, a|T]$
2. $eo([2,3,4,5], [b,c], T)$ calls: - $eo([3,4,5], [c], T)$ with $T = [2, b|T]$
3. $eo([3,4,5], [c], T)$ calls: - $eo([4,5], [], T)$ with $T = [3, c|T]$
4. $eo([4,5], [], T)$ succeeds with $T = [4,5]$ -
5. $L = [1, a, 2, b, 3, c, 4, 5]$

SECOND QUERY

1. $enigma([1,2], [1,1,2])$ matches first rule with $A=1, B=2$: - Calls $enigma2(2, [1,2])$
2. $enigma2(2, [1,2])$ fails to match A, calls $enigma2(2, [2])$
3. $enigma2(2, [2])$ succeeds with $A=2$ (cut!)
4. Query succeeds