b) $G = \dots$

$n = 7$

$N = \{h, h'\}$

$\sigma = P, \ \tau = A$

$A_\sigma = Attr_\sigma(N) = Attr_P(\{h, h'\}) = \{h, h', g\}$

$(w'_{\sigma_P}, w'_{\tau_A}) = McN2Solver(\{a, a', b, b', c, c', d, d', e, e', f, f', g'\})$

$n = 6 \quad N = \{g'\} \quad \sigma = A \quad \tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{g'\}) = \{g'\}$

$(w'_{\sigma_A}, w'_{\tau_P}) = McN2Solver(\{a, a', b, b', c, c', d, d', e, e', f, f'\})$

$n = 5 \quad N = \{f, f'\} \quad \sigma = P \quad \tau = A$

$A_\sigma = Attr_\sigma(N) = Attr_P(\{f, f'\}) = \{f, f', a\}$

$(w'_{\sigma_P}, w'_{\tau_A}) = McN2Solver(\{a', b, b', c, c', d, d', e, e'\})$

$n = 4 \quad N = \{e, e'\} \quad \sigma = A \quad \tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{e, e'\}) = \{e, e', d', d\}$

$(w'_{\sigma_A}, w'_{\tau_P}) = McN2Solver(\{a', b, b', c, c'\}) = (\{a', b, b', c, c'\}, \emptyset)$

$n = 2 \quad N = \{c, c'\} \quad \sigma = A \quad \tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{c, c'\}) = \{c, c', b', b, a'\}$

$(w'_\sigma, w'_\tau) = McN2Solver(\emptyset) = (\emptyset, \emptyset)$

$w'_\sigma = \emptyset \quad w'_\tau = \emptyset$

return $w_{\sigma_A} = \{a', b, b', c, c'\} \quad w_{\tau_P} = \emptyset$

$w'_\sigma = \{a', b, b', c, c'\} \quad w'_\tau = \emptyset$

return $w_{\sigma_A} = \{a', b, b', c, c', d, d', e, e'\} \quad w_{\tau_P} = \emptyset$

$w'_\sigma = \emptyset \quad w'_\tau = \{a', b, b', c, c', d, d', e, e'\}$

$A_\tau = Attr_\tau(w'_\tau) = Attr_A(\{a', b, b', c, c', d, d', e, e'\}) = w'_\tau$

$(w''_{\sigma_P}, w''_{\tau_A}) = McN2Solver(\{a, f, f'\}) = (\{f, f', a\}, \emptyset)$

$n = 5, \quad N = \{f, f'\} \quad \sigma = P \quad \tau = A$

$A_\sigma = Attr_\sigma(N) = Attr_P(\{f, f'\}) = \{f, f', a\}$

$(w'_\sigma, w'_\tau) = McN2Solver(\emptyset) = (\emptyset, \emptyset)$

return $w_{\sigma_P} = \{f, f', a\} \quad w_{\tau_A} = \emptyset$

$w''_\sigma = \{f, f', a\}$ $w''_\tau = \emptyset$

return $w_{\sigma_P} = \{f, f', a\}$, $w_{\tau_A} = \{a', b, b', c, c', d, d', e, e'\}$

$w'_\sigma = \{a', b, b', c, c', d, d', e, e'\}$

$w'_\tau = \{a, f, f'\}$

$A_\tau = Attr_\tau(w'_\tau) = Attr_P(\{a, f, f'\}) = \{a, f, f'\}$

$(w''_{\sigma_A}, w''_{\tau_P}) = MCNZSolver(\{a', b, b', c, c', d, d', e, e', g'\})$

$n = 6$ $N = \{g'\}$ $\sigma = A$ $\tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{g'\}) = \{g'\}$

$(w'_{\sigma_A}, w'_{\tau_P}) = MCNZSolver(\{a', b, b', c, c', d, d', e, e'\})$

$n = 4$ $N = \{e, e'\}$ $\sigma = A$ $\tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{e, e'\}) = \{e, e', d', d\}$

$(w'_{\sigma_A}, w'_{\tau_P}) = MCNZSolver(\{a', b, b', c, c'\}) = (\ldots, \emptyset)$

$n = 2$ $N = \{c, c'\}$ $\sigma = A$ $\tau = P$

$A_\sigma = Attr_\sigma(N) = Attr_A(\{c, c'\}) = \{c, c', b', b, a'\}$

$(w'_\sigma, w'_\tau) = MCNZSolver(\emptyset) = (\emptyset, \emptyset)$

return $w_{\sigma_A} = \{a', b, b', c, c'\}$ $w_{\tau_P} = \emptyset$

$w'_\sigma = \{d', b, b', c, c'\}$ $w'_\tau = \emptyset$

return $w_{\sigma_A} = \{a', b, b', c, c', d, d', e, e'\}$ $w_{\tau_P} = \emptyset$

$w'_\sigma = \{a', b, b', c, c', d, d', e, e'\}$ $w'_\tau = \emptyset$

return $w_{\sigma_A} = \{a', b, b', c, c', d, d', e, e', g'\}$ $w_{\tau_P} = \emptyset$

$w''_\sigma = \{a', b, b', c, c', d, d', e, e', g'\}$ $w''_\tau = \emptyset$

return $w_{\sigma_A} = \{a', b, b', c, c', d, d', e, e', g'\}$ $w_{\tau_P} = \{a, f, f'\}$

$w'_\sigma = \{a, f, f'\}$ $w'_\tau = \{a', b, b', c, c', d, d', e, e', g'\}$

$A_\tau = Attr_\tau(w'_\tau) = Attr_A(\ ) =$

$(w''_{\sigma_P}, w''_{\tau_A}) = MCNZSolver(a, f, f', g, h, h')$

$n = 7$ $N = \{h, h'\}$ $\sigma = P$, $\tau = A$

$A_\sigma = Attr_\sigma(N) = Attr_P(\{h, h'\}) = \{h, h', g\}$

$(w'_{\sigma_P}, w'_{\tau_A}) = MCNZSolver(\{a, f, f'\})$

$n = 5$ $N = \{f, f'\}$ $\sigma = P$ $\tau = A$

$A_\sigma = Attr_\sigma(N) = Attr_P(\{f, f'\}) = \{f, f', a\}$

$(w'_\sigma, w'_\tau) = MCNZSolver(\emptyset) = (\emptyset, \emptyset)$

return $w_{\sigma_P} = \{a, f, f'\}$ $w_{\tau_A} = \emptyset$

$w'_\sigma = \{a, f, f'\}$ $w_{\tau'} = \emptyset$

return $w_{\sigma_P} = \{a, f, f', h, h', g\}$ $w_{\tau_A} = \emptyset$

$w''_\sigma = \{a, f, f', g, h, h'\}$ $w_{\tau''} = \emptyset$

return $w_{\sigma_P} = \{a, f, f', g, h, h'\}$ $w_{\tau_A} = \{a', b, b', c, c', d, d', e, e', g\}$