

Ex 3

$A \equiv D$

$B \equiv I$

$C \equiv G$

O. Meier

i.)



ii)



$A \rightarrow C$

iii)



$A \rightarrow B$

iv)



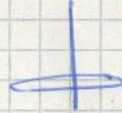
$C \rightarrow B$

v)



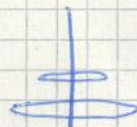
$A \rightarrow C$ (print 0-6)

vi)



$B \rightarrow A$

vii)



$B \rightarrow C$

viii)



$A \rightarrow C$

3.)

$hanoi(3, p_1, p_2, p_3)$

*
"p1 → p3"

$hanoi(2, p_1, p_3, p_2)$

$hanoi(2, p_2, p_1, p_3)$

*
"p1 → p2"

*
"p2 → p3"

$hanoi(1, p_1, -, p_3)$

$hanoi(1, p_2, -, p_3)$

$hanoi(1, p_2, -, p_1)$

$hanoi(1, p_1, -, p_3)$

*
"p1 → p3"

*
"p2 → p3"

*
"p2 → p1"

*
"p1 → p3"

* = format(2, 6)