$r(\mathbf{x}_2, \mathbf{a}_2) = 0$ $r(\mathbf{x}_3, \mathbf{a}_1) = 1$

$\mathbf{a}_1$ x_2 $\mathbf{a}_2$ $\mathbf{a}_1$ x_3 $\mathbf{a}_2$

$r(\mathbf{x}_2, \mathbf{a}_1) = 3$ $r(\mathbf{x}_3, \mathbf{a}_2) = 2$

$r(\mathbf{x}_1, \mathbf{a}_k) = 0$

$\mathbf{a}_1$ x_1 $\mathbf{a}_2$