$$a_1 = \dots$$
 $a_2 = a_1$ 
 $a_3 = a_4 + 1$ 
 $a_4 = a_4 (a_{21} a_{31})$ 
 $a_4 = a_4 (a_{22} a_{33})$ 
 $a_5 = a_4 + 1$ 
 $a_4 = a_4 (a_{23} a_{33})$ 
 $a_5 = a_4 + 1$