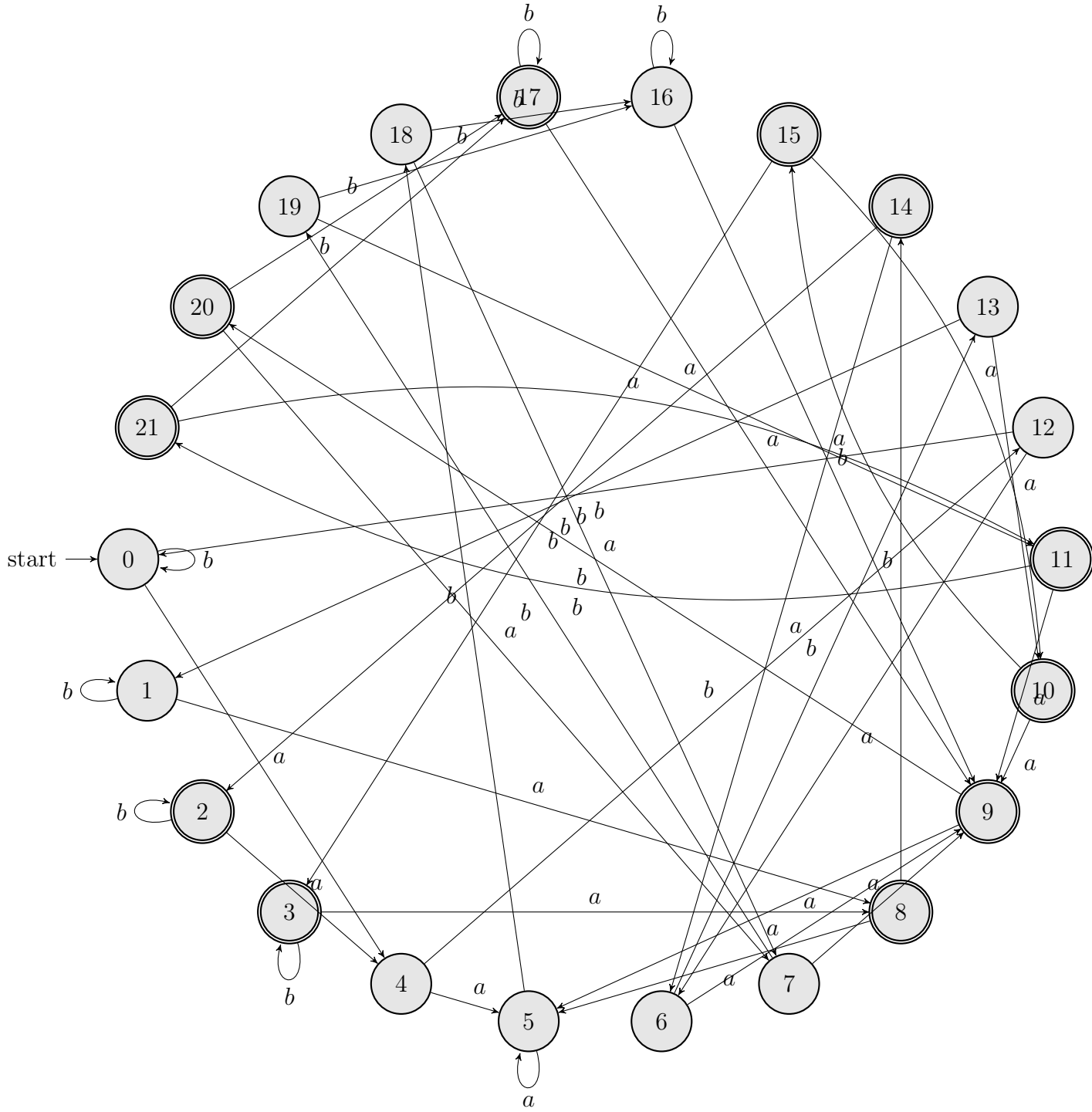


$\Sigma = \{a, b\}$

$q_0 = 0$

$F = \{2, 3, 8, 9, 10, 11, 14, 15, 17, 20, 21\}$



$(((((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)(ab)+ab)(ab))+((ab)(ab))(ab))(((bb^*a)b)(($
 $ab)((bb^*a)b)^*(((bb^*a)b)(ab)+ab)(ab))+ab^*(((bb^*a)b)((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)b))+$
 $(ab)b+b+(((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)b)^*(((ab)(ab))((bb^*a)b))(((bb^*a)b)$
 $ab)((bb^*a)b)^*(((bb^*a)b)(ab)+ab)(ab))+((ab)(ab))(ab))(((bb^*a)b)((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)(ab)-$
 $ab)(ab))+ab^*(((bb^*a)b)((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)(ab)+ab)(a(a(aa^*b))+(bb^*a)(aa^*b))+$
 $((bb^*a)b)((aa)(aa^*b))+(aa)(aa^*b)+((bb^*a)a)a^*b+a(a(aa^*b))+((bb^*a)(aa^*b))+((ab)(ab))((bb^*a)b)((bb^*a)b)(a$
 $ab)((bb^*a)b)^*(((bb^*a)b)(ab)+ab)(a(a(aa^*b))+(bb^*a)(aa^*b))+((bb^*a)b)((aa)(aa^*b))+(aa)(aa^*b)+$
 $((bb^*a)a)a^*b+((ab)(ab))(a(a(aa^*b))+(bb^*a)(aa^*b))+((ab)((aa)(aa^*b))+aa)a^*b((aa)(aa^*b)+bb^*(a(aa^*b)))^*(ab)$
 $a(a(aa^*b))((aa)(aa^*b)+bb^*(a(aa^*b)))^*(ab))^*(bb^*(ab)+a(ab)+(bb^*(a(aa^*b))+a(a(aa^*b)))(aa)(aa^*b)+$
 $bb^*(a(aa^*b)))^*(bb^*(ab)+(aa)b))+(((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab)+ab)((bb^*a)b)^*(((bb^*a)b)(ab)+$

[illegible]

$$\begin{aligned}
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(aa^*b)) + (bb^*a)(aa^*b)) + ((bb^*a)b)((aa)(aa^*b)) + (aa)(aa^*b) + \\
& ((bb^*a)a)a^*b) + ((ab)(ab))(a(a(aa^*b)) + (bb^*a)(aa^*b)) + (ab)((aa)(aa^*b)) + (aa)a^*b)((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^* \\
& (aa)b))(((aa)(aa^*b) + bb^*(a(aa^*b))))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(ab) + ab)((bb^*(a(aa^*b)) + a(a(aa^*b))))((aa)(aa^*b) + \\
& bb^*(a(aa^*b)))^*(ab))^*(bb^*(ab) + a(ab) + (bb^*(a(aa^*b)) + a(a(aa^*b))))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*(ab) + \\
& (aa)b) + ((aa)(aa^*b) + bb^*(a(aa^*b)))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*(ab) + (aa)b) + bb^*(ab) + (aa)b)^*(((aa)(aa^*b) + \\
& bb^*(a(aa^*b)))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(ab) + ab)((bb^*(a(aa^*b)) + a(a(aa^*b))))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(ab))^* \\
& a(a(aa^*b)))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*a + (aa)) + bb^*a + a(a + 1)) + bb^*(a + 1) + (aa) + 1 + ((aa)(aa^*b) + \\
& bb^*(a(aa^*b)))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*a + (aa)) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((ab)(ab)) + \\
& ((ab)(ab))(ab))(((bb^*a)b)((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)((bb^*a)b)((bb^*a)b))^*(((bb^*a)b)(ab) + \\
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(a(aa^*b)) + (bb^*a)(aa^*b)) + ((bb^*a)b)((aa)(aa^*b)) + (aa)(aa^*b) + \\
& ((bb^*a)a)a^*b) + a(a(aa^*b)) + (bb^*a)(aa^*b)) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + \\
& ab)(a(a(aa^*b)) + (bb^*a)(aa^*b)) + ((bb^*a)b)((aa)(aa^*b)) + (aa)(aa^*b) + ((bb^*a)a)a^*b) + ((ab)(ab))(a(a(aa^*b)) + \\
& (bb^*a)(aa^*b)) + (ab)((aa)(aa^*b)) + (aa)a^*b)((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*a + (aa)) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + \\
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(ab)) + ((ab)(ab))(ab))(((bb^*a)b)((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + \\
& ab)(ab)) + ab)^*(((bb^*a)b)((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(a + 1) + (bb^*a)) + ((bb^*a)b)((aa)) + \\
& (aa) + bb^* + 1) + a(a + 1) + (bb^*a) + bb^* + 1) + ((ab)(ab))(a(a + 1) + (bb^*a)) + (ab)((aa)) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + \\
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(a + 1) + (bb^*a)) + ((bb^*a)b)((aa)) + (aa) + bb^* + 1) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + \\
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(ab)) + ((ab)(ab))(ab))(((bb^*a)b)((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + \\
& ab)(ab)) + ab)^*(((bb^*a)b)((bb^*a)b)(ab) + ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(a(aa^*b)) + (bb^*a)(aa^*b)) + \\
& ((bb^*a)b)((aa)(aa^*b)) + (aa)(aa^*b) + ((bb^*a)a)a^*b) + a(a(aa^*b)) + (bb^*a)(aa^*b)) + (((ab)(ab))((bb^*a)b))(((bb^*a)b)(ab) + \\
& ab)((bb^*a)b))^*(((bb^*a)b)(ab) + ab)(a(a(aa^*b)) + (bb^*a)(aa^*b)) + ((bb^*a)b)((aa)(aa^*b)) + (aa)(aa^*b) + \\
& ((bb^*a)a)a^*b) + ((ab)(ab))(a(a(aa^*b)) + (bb^*a)(aa^*b)) + (ab)((aa)(aa^*b)) + (aa)a^*b)((aa)(aa^*b) + bb^*(a(aa^*b)))^*(ab) \\
& a(a(aa^*b)))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(ab))^*((bb^*(a(aa^*b)) + a(a(aa^*b))))((aa)(aa^*b) + bb^*(a(aa^*b)))^*(bb^*a + \\
& (aa)) + bb^*a + a(a + 1)))
\end{aligned}$$