L(M) = U{L(90,9)} | 9 ∈ F} Kleene -2 L(P, 9, k+1)=L(P, 9, k)+L(P, k+1, k) L(k+1, k+1, k) L(k+1, 9, k) P $\Gamma(P,1,0)$ $\Gamma(P,2,0)$ $\Gamma(P,3,0)$

- De b	1 a+1	Ъ	Ø
M: K a (3)	2 0	$\frac{\Lambda}{b}$	Δ
	3 0		
	. 1 - (2 3 1 1		

1	r(P, 1, 1)	r(P, 2,1	1 r(P,3,1
1	a*	a*b	Ø
2	a a*	1+aatb	b
3	~ *	a* b	Λ
0	aa		

	r(P,1,2)	r(8,2,2)	r(P,3,2)
1	ax (hack)x	e* (baa*)* b	a*(baa*)* bb_ (aa*b)*b
2	aa* (baa*)*	(a a * b)*	1+ a*b(aa*b)*b
3	aa*+a*baa* (baa*)	atb(aa*b)*	

$$r(M) = r(1,1,3) + r(1,2,3)$$

$$r(M) = r(1,1,3)$$

$$r(M) = r(1,1,2) + r(1,3,2) \cdot r(3,3,2) r(3,1,2)$$

$$r(1,1,3) = r(1,1,2) + r(1,3,2) \cdot r(3,3,2) r(3,2,2)$$

$$\Gamma(1,1,3) = \Gamma(1,1,2) + \Gamma(1,3,2)$$

 $\Gamma(1,2,3) = \Gamma(1,2,2) + \Gamma(1,3,2)$ $\Gamma(3,3,2)^*$ $\Gamma(3,2,2)$
 $\Gamma(1,2,3) = \Gamma(1,2,2) + \Gamma(1,3,2)$

 $\Gamma(1,1,0) = \Gamma(1,1,0) = \Lambda + \alpha \quad \Gamma(1,2,0) = b \quad \Gamma(1,3,0) = \emptyset$ r(2,3,0) = 10 $\Gamma(2,1,0) = 01$, $\Gamma(2,2,0) = A$, $\Gamma(3,3,0) = \Lambda$ $\Gamma(3,1,0) = \alpha$, $\Gamma(3,2,0) = b$, $\Gamma(1,1,1) = \Gamma(1,1,0) + \Gamma(1,1,0)\Gamma(1,1,0)^*\Gamma(1,1,0) = \alpha^*$ $\Gamma(1,2,1) = \Gamma(1,2,0) + \Gamma(1,1,0)\Gamma(1,1,0)^*\Gamma(1,2,0) = \alpha^*b$ $\Gamma(1,3,1) = \Gamma(1,3,0) + \Gamma(1,1,0)\Gamma(1,1,0) \Gamma(1,3,0) = \emptyset$ $\Gamma(2,1,1) = \frac{\Gamma(2,1,0) + \Gamma(2,1,0)\Gamma(1,1,0)^*\Gamma(1,1,0)}{\Gamma(2,2,1)} = \alpha \alpha^* b$ $\Gamma(2,2,1) = \Gamma(2,2,0) + \Gamma(2,1,0)\Gamma(1,1,0)^*\Gamma(1,2,0) = \Lambda + \alpha \alpha^* b$ $\Gamma(2,3,1) = \Gamma(2,3,0) + \Gamma(2,1,0)\Gamma(1,1,0)^*\Gamma(1,3,0) = b$ $\Gamma(2,3,1) = \Gamma(2,3,0) + \Gamma(2,1,0)\Gamma(1,1,0)^*\Gamma(1,3,0) = b$ $\Gamma(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)* L(1,1,0) = \alpha \alpha^*$ $\Gamma(3,2,1) = L(3,2,0) + L(3,1,0) + L(1,1,0) + L(1,2,0) = a + b$ $\Gamma(3,3,1) = L(3,3,0) + L(3,1,0) \cdot L(1,1,0)^* L(1,3,0) = \Lambda$ r(1,1,2) = r(1,1,1) + r(1,2,1) r(2,2) r(2,1) = a (baa) r(1,2,2) = r(1,2,1) + r(1,2,1) r(2,2,1) r(2,2,1) = a (baa) b $\Gamma(13,2) = \Gamma(1,3,1) + \Gamma(1,2,1) \Gamma(2,2,1)^* \Gamma(2,3,1) = \alpha^* (back)^* bb$ $\Gamma(2,1,2) = \Gamma(2,1,1) + \Gamma(2,2,1) \Gamma(2,2,1) + \Gamma(2,1,1) = \alpha \alpha^* (b\alpha \alpha^*)^*$ $\Gamma(2,2,2) = \Gamma(2,2,1) + \Gamma(2,2,1) \Gamma(2,2,1) \Gamma(2,2,1) = (\alpha \alpha^* b)^*$ r (2,3,2)=r(2,3,1)+r(2,2,1) r(2,2,1)*r(2,3,1)=(aa*b)*b Settom up (2)

$$\Gamma(3,1,2) = \Gamma(3,1,1) + \Gamma(3,2,1) \cdot \Gamma(2,2,1) \cdot \Gamma(2,1,1) = \vec{a} + \vec{a} \text{ baa' (bab')}$$

$$\Gamma(3,2,2) = \Gamma(3,2,1) + \Gamma(3,2,1) \cdot \Gamma(2,2,1) \cdot \Gamma(2,2,1) = \vec{a} + \vec{a} \text{ baa' (bab')}$$

$$\Gamma(3,3,2) = \Gamma(3,3,1) + \Gamma(3,2,2) \cdot \Gamma(2,2,1) \cdot \Gamma(2,3,1) = (aa^*b)^*b$$
Sorumizun cevab 1
$$\Gamma(M) = \Gamma(1,1,3) + \Gamma(1,2,3) \cdot \Gamma(3,3,2) \cdot \Gamma(3,1,2) - \Gamma(3,1,2) + \Gamma(1,3,2) \cdot \Gamma(3,3,2) \cdot \Gamma(3,1,2) - \Gamma(3,1,2) + \Gamma(1,3,2) \cdot \Gamma(3,3,2) \cdot \Gamma(3,1,2) - \Gamma(3,1,2) + \Gamma(1,3,2) \cdot \Gamma(3,3,2) \cdot \Gamma(3,1,2) - \Gamma(3,1,2) + \Gamma(1,1,2,2) + \Gamma(1,3,2) \cdot \Gamma(3,3,2) \cdot \Gamma(3,1,2) + \Gamma(3,1,2) \cdot \Gamma(3,1,2) \cdot \Gamma(3,1,2) + \Gamma(3,1,2) \cdot \Gamma(3,1,2) \cdot \Gamma(3,1,2) + \Gamma(3,1,2) \cdot \Gamma(3,1,2)$$