Kleene teoremi-Kinn 2 L(P,9,k+1) = L(P,9,k)+L(P, k+1,k) L(k+1,k+1,k) L(k+1,2,k) L(1,2,3) = L(1,2,2) + L(1,3,2) + L(3,3,2) L(3,2,2) $L(1,1,3) = L(1,1,2) + L(1,3,2) \cdot L(3,3,2) L(3,1,2)$ $L(1,1,2) = L(1,1,1) + L(1,2,1) L(2,2,1)^* L(2,1,1)$. .. L(1,3,2) = L(1,3,1) + L(1,2,1) L(2,2,1) + L(2,3,1)"L(3,3,2)=L(3,3,1)+L(3,2,1)L(2,2,1)*L(2,3,1).... L(3,1,2) = L(3,1,1) + L(3,2,1) L(2,2,1) * L(2,1,1) .* L(1,2,2) = L(1,2,1) + L(1,2,1) L(7,7,1)* L(2,2,1)** L(1,3,2) = L(1,3,1) + L(1,2,1) L(2,2,1) L(2,3,1) vardyL(3,3,2) = L(3,3,1) + L(3,2,1)L(2,2,1)*L(2,3,1)L(3,2,2)=L(3,2,1)+L(3,2,1)L(2,2,1)*L(2,2,1). (i, j, 1) leri hesaplaman gerekiyor.

Top-down

$$L(1,1,1) = L(1,1,0) + L(1,1,0) \cdot L(1,1,0)^* L(1,1,0) = a$$

$$a+A \qquad a+A \qquad a+A$$

$$L(1,2,1) = L(1,2,0) + L(1,1,0) L(1,1,0)^* L(1,2,0) = a^*b$$

$$L(2,1,1) = L(2,1,0) + L(2,1,0) L(1,1,0)^* L(1,1,0) = aa$$

$$L(1,3,1) = L(1,3,0) + L(1,1,0) \cdot L(1,1,0)^* L(1,3,0) = \emptyset$$

$$L(2,2,1) = L(2,2,0) + L(2,1,0) L(1,1,0)^* L(1,2,0) = A+a^*b$$

$$L(2,3,1) = L(2,2,0) + L(2,1,0) L(1,1,0)^* L(1,3,0) = b$$

$$L(2,3,1) = L(2,3,0) + L(2,1,0) L(1,1,0)^* L(1,3,0) = b$$

$$L(3,3,1) = L(3,3,0) + L(3,1,0) L(1,1,0)^* L(1,2,0) = a^*b$$

$$L(3,2,1) = L(3,2,0) + L(3,1,0) L(1,1,0)^* L(1,2,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

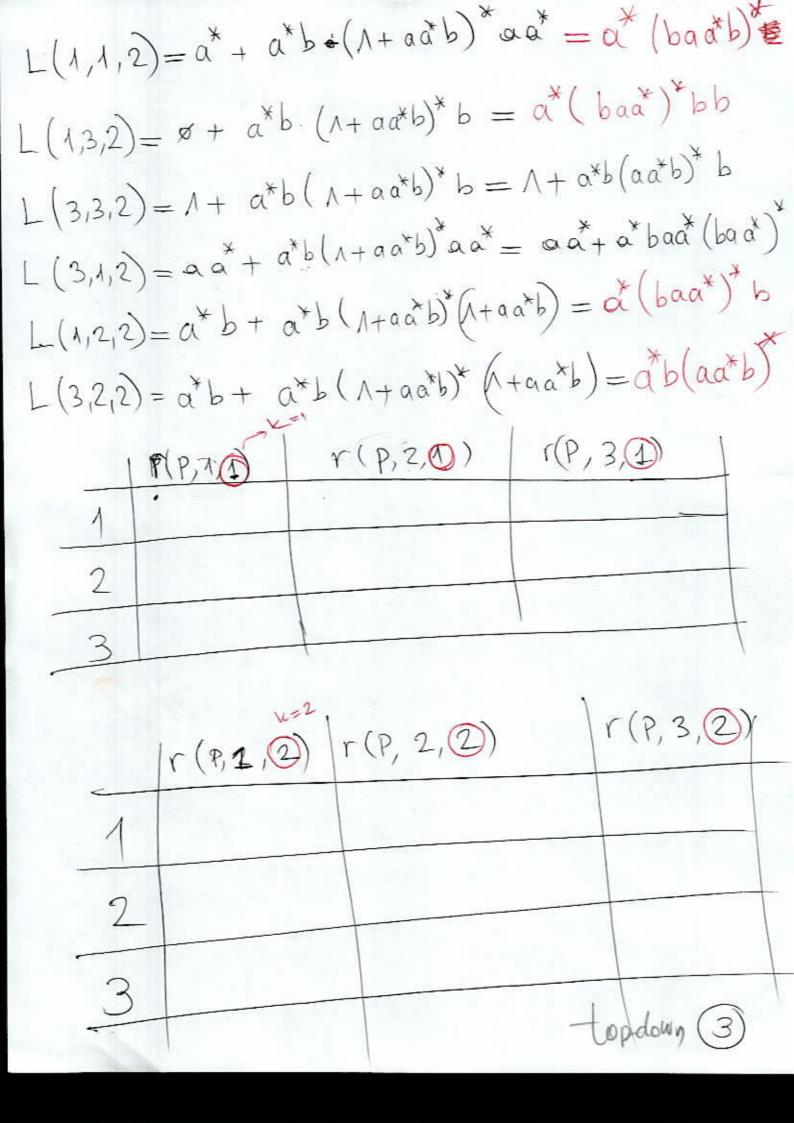
$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(1,1,0)^* L(1,1,0) = a^*b$$

$$L(3,1,1) = L(3,1,0) + L(3,1,0) L(3,1,0) L(3,1,0) + L(3,1,0) L(3,1,0) + L(3,1$$

top-down (2)



L(M) = L(1,2,3) + L(1,1,3) idi. $L(1,2,3) = a^{*}(baa^{*})^{*} + a^{*}(baa^{*})^{*}bb(A+a^{*}b(aa^{*}b)^{*}b)$ $L(1,1,3) = a^{*}(baa^{*})^{*} + a^{*}(baa^{*})^{*}bb(A+a^{*}b(aa^{*}b)^{*}b)$ $a^{*}(baa^{*})^{*}(A+b) \qquad (--)$ $a^{*}(baa^{*})^{*}(A+b) \qquad (--)$