

ster 1: with me more	
R(1,1,1) = ate where i=j (from the note)	
R(1,2,1) = b	
$R(1,3,1) = \emptyset$	
R(2,1,1)=0	
2(2,2,1)=a+e	
P(2,3,1)= p	
R (3,1,1) = b	
R(3,2,1)= 8	
R(3,3,1) = ate	
Step' 2:	
$R(1,2,4) = R(1,2,3) + R(1,3,3) \cdot R(3,3,3)^* \cdot R(3,2,3)$	
[=1; j=2; k=3+1	
solving for R (1,2,3):	
$R(1,2,3) = R(1,2,2) + R(1,2,2) \cdot R(2,2,2)^{4} \cdot R(1,2,2)$	
$i=1; j=2; k=2 = a*b + a*b \cdot (a+e)* \cdot (a+e)$	
$= a^{4}b + a^{4}b a^{4}$	1
= a * b a *	3
$R(1,2,2) = R(1,2,1) + R(1,1,1) \cdot R(1,1,1)^* \cdot R(2,2,1)$	
= b + (ate) · (ate) * · b	
= b + a * b	
= db	
$R(2,2,2) = R(2,2,1) + R(2,1,1) \cdot R(1,1,1)^{*} \cdot R(1,2,1)$)
[=2 f=2 k=1 = (a+e)+ 0. (a+e) x. b 0.	
= ate	
R(1,2,2) = R(1,2,1) + R(1,1) + R(1,2) + R(1,2) 1)	
Tel jez kei	4

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Solving For R(1,3,3):
               R(1,3,3) = R(1,3,2) + R(1,2,2) \cdot R(2,2,2)^{4} \cdot R(2,3,2)
               i=1 j=3 k=2
                        = 0 + (a*b). (a+e)* (b)
                        = Ota+ba+b
                        = a ba ba b
                   R(1,3,2) = R(1,3,1) + R(1,1,1) \cdot R(1,1,1) \times R(1,3,1)
                    i=1 j=3 k=1 = 0 + (a+e) · (a+e) * - 8
                   R(2,3,2) = R(2,3,1) + R(2,1,1) \cdot R(1,1,1) \times R(1,3,1)
  i=1 j=3 k=1 = b + 0 (ate) + 0 7 8
                             = b+8
1
           Solving for R(3,3,3):
              R(3,3,3) = R(3,3,2) + R(3,2,2) \cdot R(2,2,2) + R(2,3,2)
  i=3 j=3 K=2
                       = (ate) + (baxb) (ate) x b
                        = (ate)+(ba+b)a+b
 = ate + baxbaxb
  R(3,3,2) = R(3,3,1) + R(3,1,1) - R(11,1) + R(1,3,1)
                  i=3 j=3 k=1 = (ate) + b. (ate) x. 0
  = ate + &
  = ate
                             = R(3,2,1) + R(3,1,1) · R(1,111)* R(1,2,1)
                   12(3,2,2)
                             = + b (ate) * b
                              = bayb
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