1. (R1+R2)+R3= R1+ ( R2+R3) = R1 + R2 + R3
2. R1+R2=R2 +R1
3. R1+∅= ∅+R1= R1
4. R1+ R1= R1
5. (R1∙R2)∙R3= R1∙( R2∙R3)= R1∙R2∙R3
6. R1∙R2≠ R2∙R1
7. R1∙λ= λ∙R1= R1
8. R1∙ ∅ =∅∙ R1= R1
9. R1∙(R2+R3) = (R1∙ R2)+( R1∙ R3)
10. (R1+R2) ∙R3 = (R1∙ R3)+( R2∙ R3)
11. (R1)\* =(( R1)\*)\*= (R1)\* ∙ (R1)\*=( λ+ R1)
12. (∅)\*=(λ)\*= λ
13. (R1)\*= λ+ R1+ R12+ R13+…+R1n+( R1n+1∙R1\*)
14. (R1+R2)\* = (R1\*+ R2\*)\* = (R1\* ∙ R2\*)\* = (R1\* ∙ R2)\* ∙ R1\*= R1\* ∙ (R2 ∙ R1\*)
15. (R1+R2)\* ≠ R1\* +R2\*
16. R1\* ∙ R1 = R1 ∙ R1\*
17. R1 ∙ (R2 ∙ R1)\* = (R1 ∙ R2)\* ∙ R1
18. (R1\*∙ R2)\*= λ + ( R1 + R2 )\* ∙ R2
19. (R1 ∙ R2\*)\* = λ + R1 ∙ ( R1 + R2 )\*
20. Supponiamo che λ ∈ S(R2) =

R1 = R2 ∙ R1 + R3 se e solo se R1 = R2\* ∙ R3

R1 = R1 ∙ R2 + R3 se e solo se R1 = R3 ∙ R2\*