

using (#) we the have WE L(R(SR+R))) which means we L (R(SR+R)*). In a similar way we can prove that if we L(R(SR+12)*) then we L((RS+R)*R). An alternative - and smanler - proof goes as follows. First observe that (LM)* L = L (ML)* (##) Then calculate as follows (RS+R)*R $= (R(S+E))^*R$ using RS+R=R(S+E) = R ((S+E) R) woung (##) = R (SR+R)*