

Regular Expressions: E_{Σ}

Some properties : Occasions for remarks and exercises

- Are $*$ and $.$ such that: $(e_1.e_2)^* = e_1^*.e_2^*$? - Give a proof of your claim.
- Is $|$ *left distributive* over $.$? - Prove your claim.
- Prove that $*$ is *idempotent*.
- Why the knowledge of the operator properties is a relevant task? - Show a concrete situation.