

Homework 06 grading guidelines

1. 20 points
10 points for the informal description. If description is not complete, you lose points.
10 points for correct TM.
2. 20 points
10 points for the informal description. If description is not complete, you lose points.
10 points for correct TM.
3. 20 points
10 points for the informal description. If description is not complete, you lose points.
10 points for correct TM.
4. 5 points for proving closure of decidable languages under complementation
5 points proving closure of decidable languages under intersection.
10 points for proving closure of Turing machines under intersection.
5. 5 points for proving closure of decidable languages under concatenation.
5 points for proving closure of Turing languages under concatenation.
5 points for proving closure of decidable languages under star.
5 points for proving closure of Turing languages under star.
6. 10 points for proving K-PDA's. 10 for 2 – PDA's
7. (a) 5 points for correct proof. Prove both cases.
(b) 5 points for correct proof
(c) 5 points for correct proof
(d) 5 points for correct proof