Concepts of Regular Languages

106
Responses

1.8
Average Score

Active
Status

1. The Pumping Lemma for regular languages can be used to prove that a language is: (1 point)
   70% of respondents (74 of 106) answered this question correctly.

   - 🔵 A regular language   18
   - 🟠 A non-regular language or a r...   14
   - 🟢 A non-regular language   74 ✓

2. If L is a regular language, it satisfies the pumping lemma for regular languages: (1 point)
   29% of respondents (31 of 106) answered this question correctly.

   - 🔵 TRUE   75
   - 🟠 FALSE   31 ✓

3. Considering the existence of the proof that the language 0^n1^n is a non-regular language, which closure property you suggest to prove that a^nb^n is a non-regular language? (1 point)
80% of respondents (85 of 106) answered this question correctly.

🔵 Intersection	6	
🟠 Homomorphism	85	✓
🟢 Complement	8	
🔴 Reverse	4	
🟣 Union	3	