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Pre-service students' misconceptions about simple electric circuits.

Despite all the efforts made by Physics Education Researchers in terms of strategies to enhance students' conceptual understanding of electric circuit phenomena, students still have conceptual difficulties related to solving problems related to electric circuits. The difficulty is worsened by the presence of misconceptions about electric circuit phenomena. In terms of constructivism, the preparation for teaching should start with identifying what students know prior to instruction. In line with this pedagogy, the research reports on the identified misconceptions as studied from the pre-service students. A report on how these challenges were addressed during the intervention will also be highlighted

Apply for student award at which level:

None

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