Editorial

The need of this special issue was to publish high-quality research articles reporting original research as well as review articles that highlight challenges in system performance and its related modeling so as to provide new initiatives and solutions for meeting those challenges.

After circulating the Call for Papers for this special issue, we finalized around 5 papers revolving around the theme of the proposal.

The compilation now revolves around talking about the state and prospects of the development of the express diagnostic system to assess the effectiveness of complex systems. It also provides a software reliability growth model that incorporates features enhancement attributes. Another idea presented in the collection comprises of the role of irregular testing in scientific conclusions followed by a proposal ending up with the concept of simulation.

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