

Homework Assignment

- 25.1** Imagine that you have been called as an expert to review a simulation study. Which of the following simulation results would you consider non-intuitive and would want to carefully validate:
- a. The throughput of a system increases as its load increases.
 - b. The throughput of a system decreases as its load increases.
 - c. The response time increases as the load increases.
 - d. The response time of a system decreases as its load increases.
 - e. The loss rate of a system decreases as the load increases.
- 25.2** Find the duration of the transient interval for the following sample:

11, 4, 2, 6, 5, 7, 10, 9, 10, 9, 10, 9, 10,

Does the method of truncation give the correct result in this case?