UE18EC201
Network Analysis and Synthesis

Assignment III: Network Theorems   **Deadline:** 21 October 2019, 1300 Hours

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1. Problems from [1]:

   (a) Chapter 9: 9-1, 9-5, 9-8, 9-9, 9-16, 9-18, 9-20, 9-22, 9-24, 9-29, 9-32.

2. Practice problems from [2] (These problems are available in the accompanying documents.):

   (a) Chapter 5: 4 through 7, 9, 10, 32, 33, 35, 37, 39, 40, 50, 51, 52.

   (b) Chapter 10: 60, 61, 63, 64, 66, 68.

References

[1] M. E. Van Valkenburg, *Network Analysis*, 3rd Edition, Prentice Hall, 1975 (PHI/Pearson Education (Indian Edition), 2015).

[2] W. H. Hayt, Jr., J. E. Kemmerly, and S. M. Durbin, *Engineering Circuit Analysis*, 8th Edition, McGraw-Hill, 2012.