

ASSIGNMENT-1

Q-1 Prove that the minimum number of switching elements required for the three stage network to make it Non Blocking is $S=4N(\sqrt{2N}-1)$.

Q-2 Explain the principle of vocoders using the speech model. Explain the working of LPC Vocoders.

Q-3 Explain the working principle of stored program control, giving the description of centralized and distributed SPC.