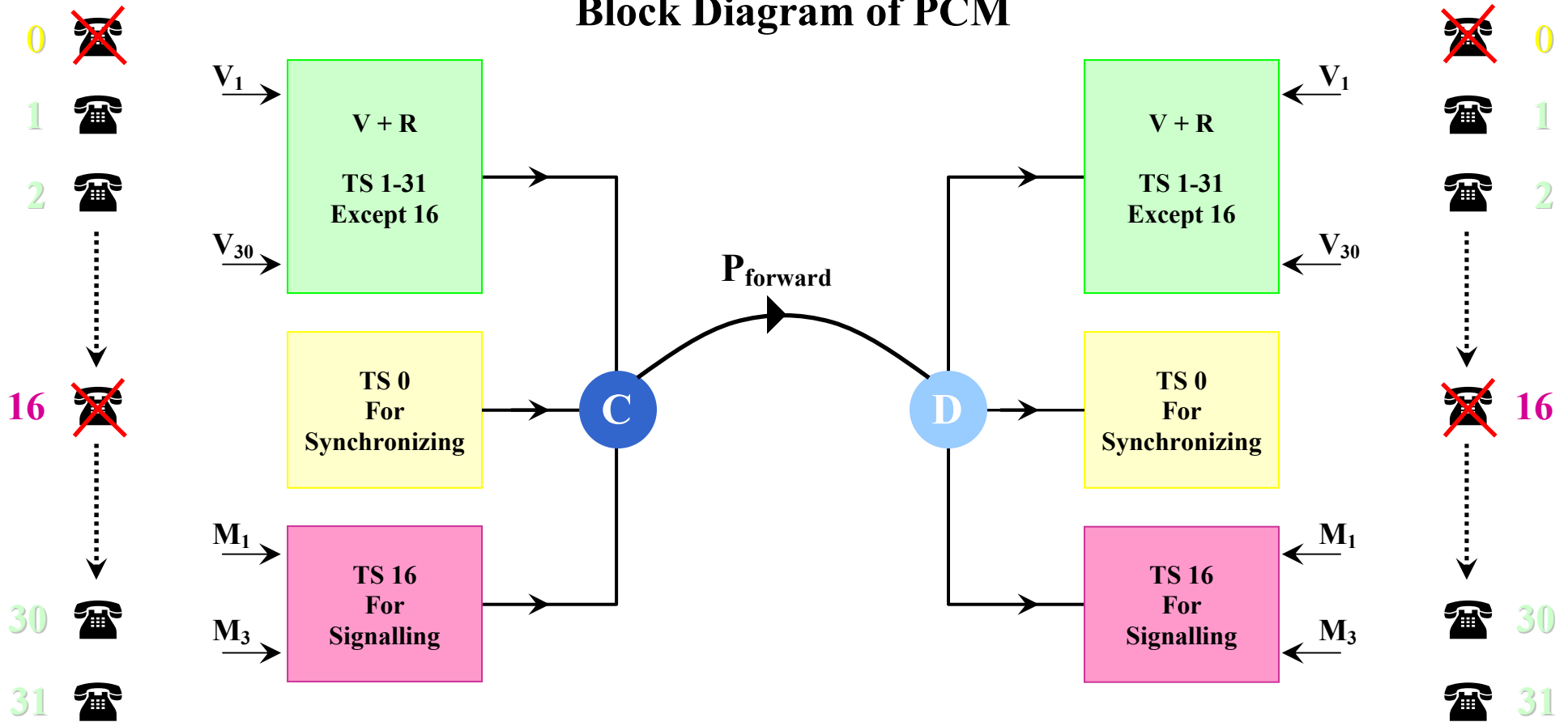


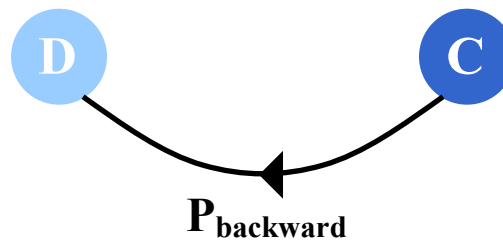
# Block Diagram of PCM



First the register signals and voice samples are collected from subscribers 1-32 except 16.

The TS0 is generated separately.

The supervisory signals which are carried in TS16 are also being collected separately. These are taken from subscribers 1-32 except 16. These separately collected timeslots are multiplexed and are transmitted.



The de-multiplexer of the other exchange separates the samples into Voice and TS16. The frame get synchronized using TS0.

Hence the sent frame order is re-done and voice samples are sent to the appropriate subscribers.

This same procedure is done reversely when samples are sent from the second exchange to the first.