

Purnea College of Engineering, Purnea

Assignment-4 (Digital circuit)

Branch - ECE, 4th sem.

Que:-1. What do you mean by A/D and D/A converter?
Explain in brief.

Que:-2. Define the following —

(i) Resolution (ii) Linearity (iii) Accuracy (iv) settling time

Que:-3. Draw and Explain 3-bit parallel comparator (flash) A/D converter. Also, design output coding (3-bits) by using k-map.

Que:-5 For 4-bit D/A converter shown in fig-1, find the output voltage.

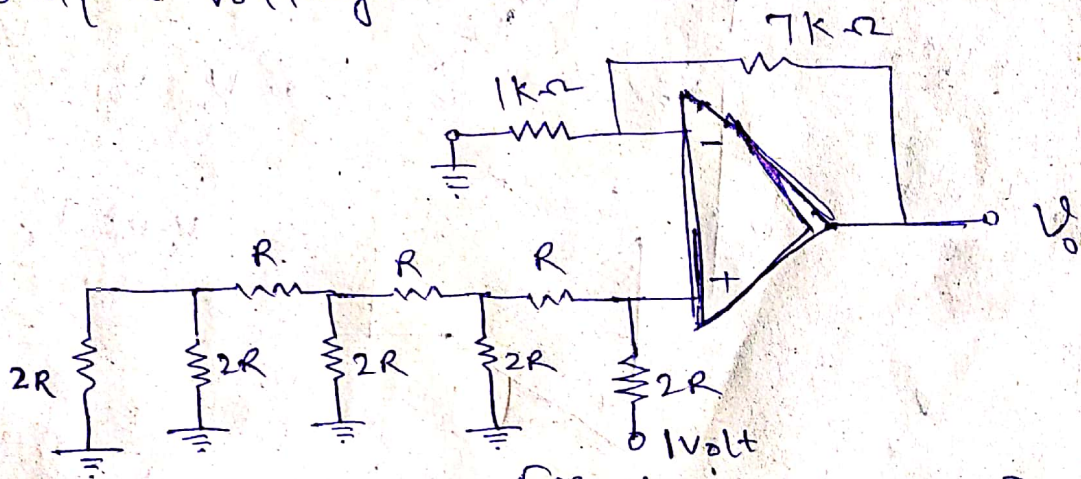


Fig-1

OR
10/04/2020