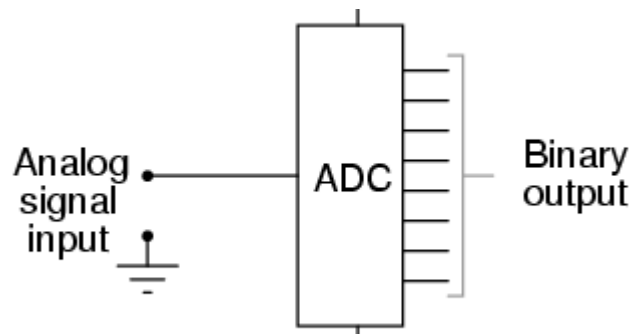
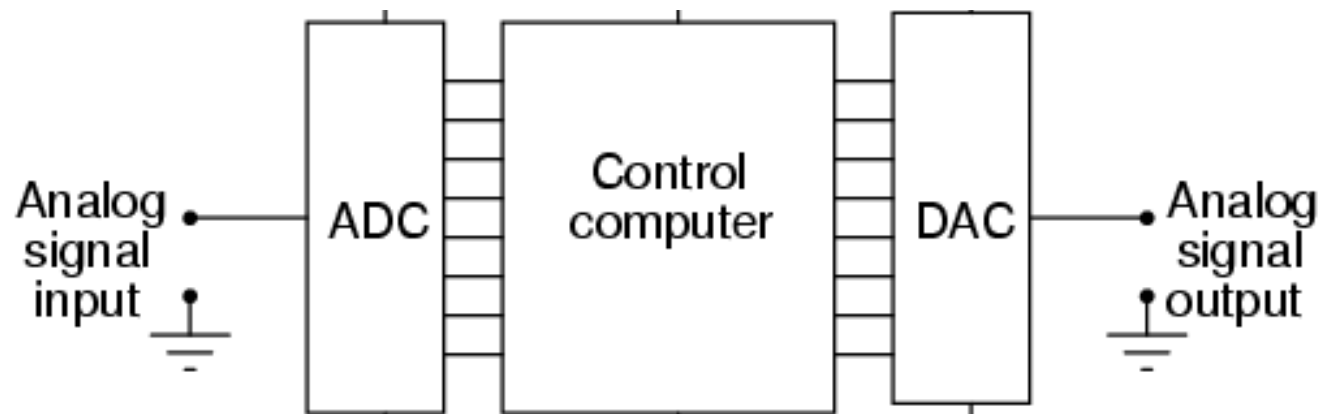
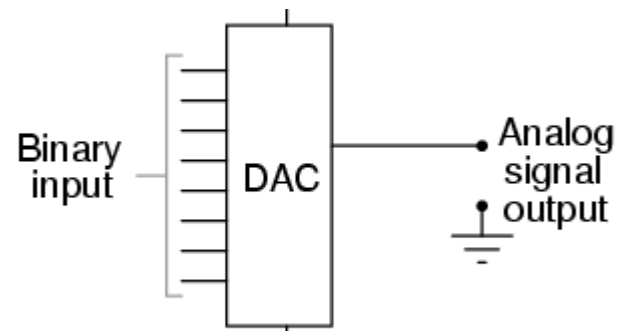




analog-to-digital converter

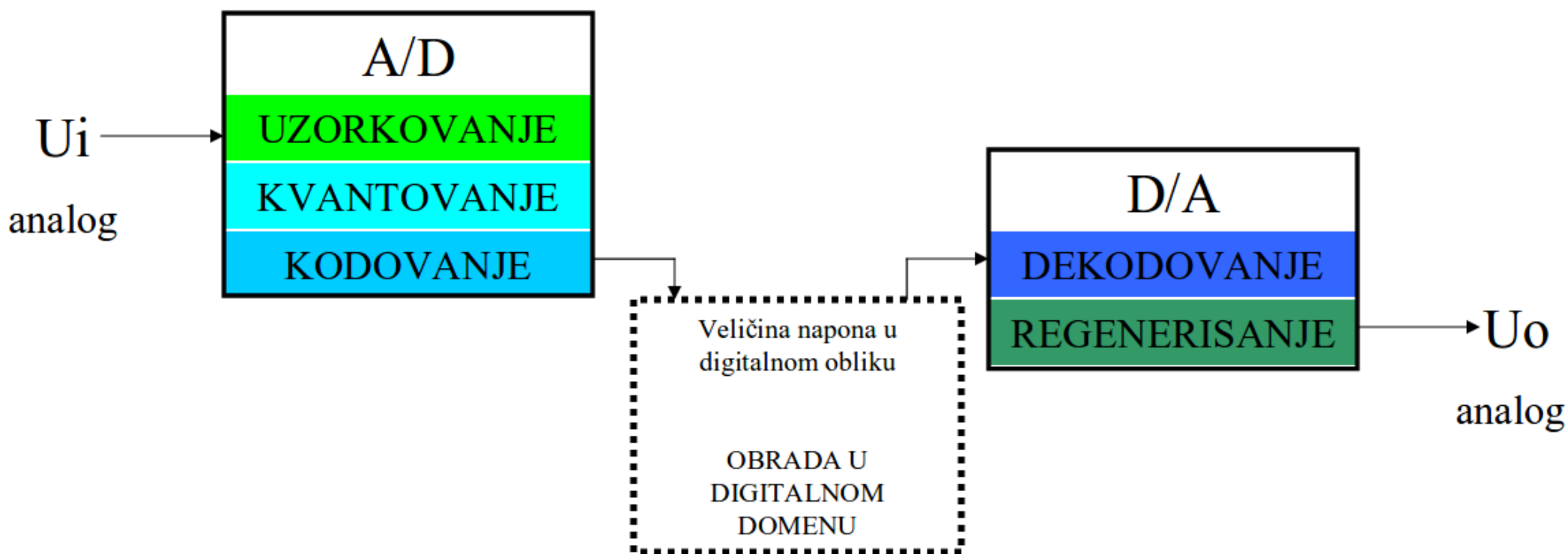
ADC



digital-to-analog converter

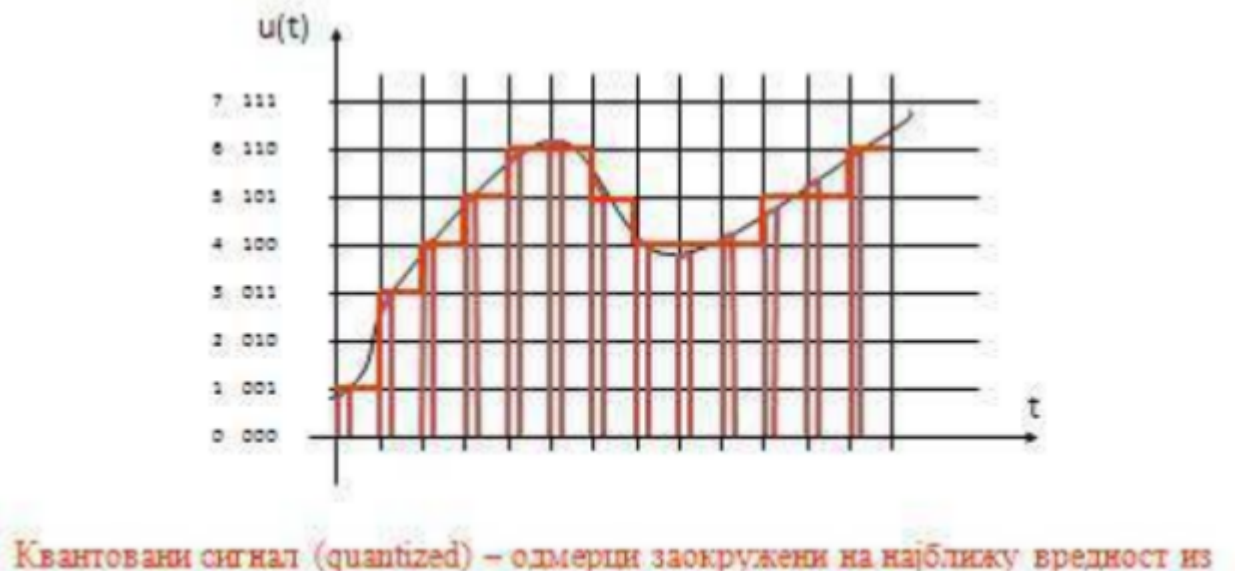
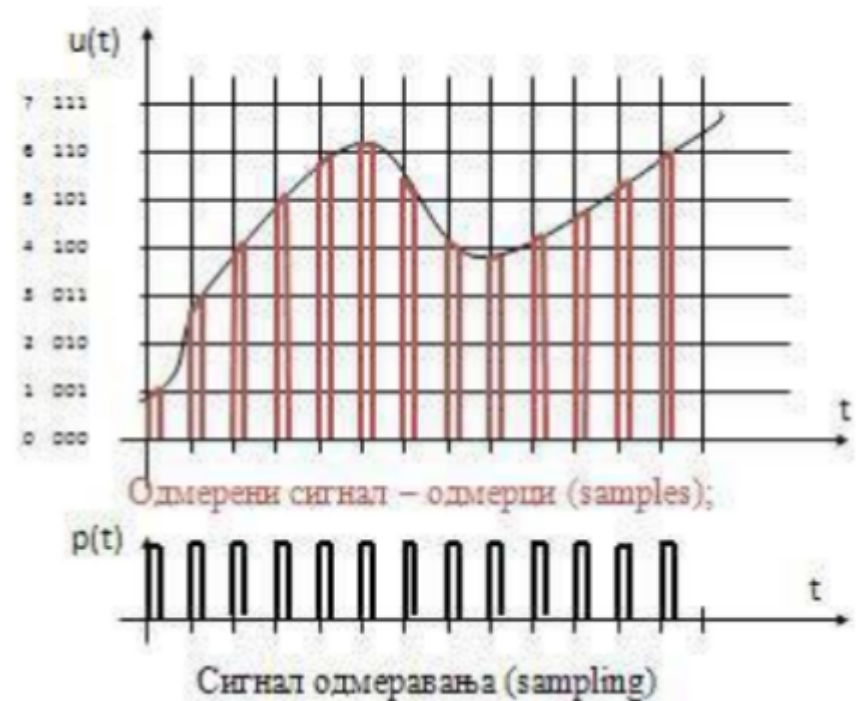
DAC

Operacije pri A/D i D/A konverziji



Pretvaranje analognih signala u digitalne (pogodne za čuvanje i obradu u računaru) naziva se A/D konverzija, koja se izvršava prema sledećim koracima

- odmeravanje
- kvantovanje.
- kodovanje





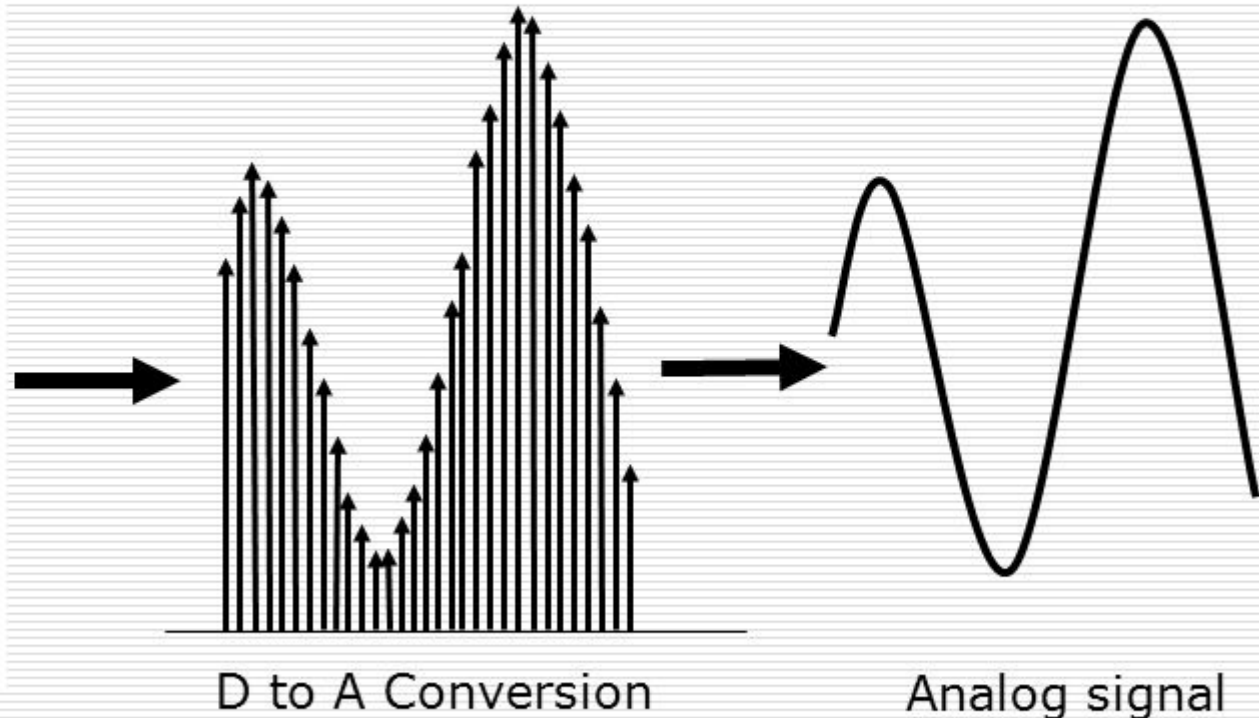
Кодован сигнал (coded, encoded)

Редни број одмерка	1	2	3	4	5	6	7	8	9	10	11	12	13
Вредност одмерка	1	3	4	5	6	6	5	4	4	4	5	5	6
Кодована вредност	001	011	100	101	110	110	101	100	100	100	101	101	110

Digital to Analog

```
000100110111101010001
000111000000100000010
011100101001001011101
011110010101010010101
010101001001010101001
000101001010101111010
000001001011101011101
000000010101110101010
0000000000001001111010
0000000000000111111010
00000000000001010101010
00000000000001011011101
00000000000001101101100
0000000001100010111010
0000000100011111010110
000001001010101000100
000001010111101111000
000011001101010100101
000110111000010100101
...
```

Digital signal



The binary value is converted to a voltage at regular intervals.