

Informatika



Binarni brojevi

0000 - 0

0001 - 1

0010 - 2

0011 - 3

0100 - 4

0101 - 5

0110 - 6

0111 - 7

1000 - 8

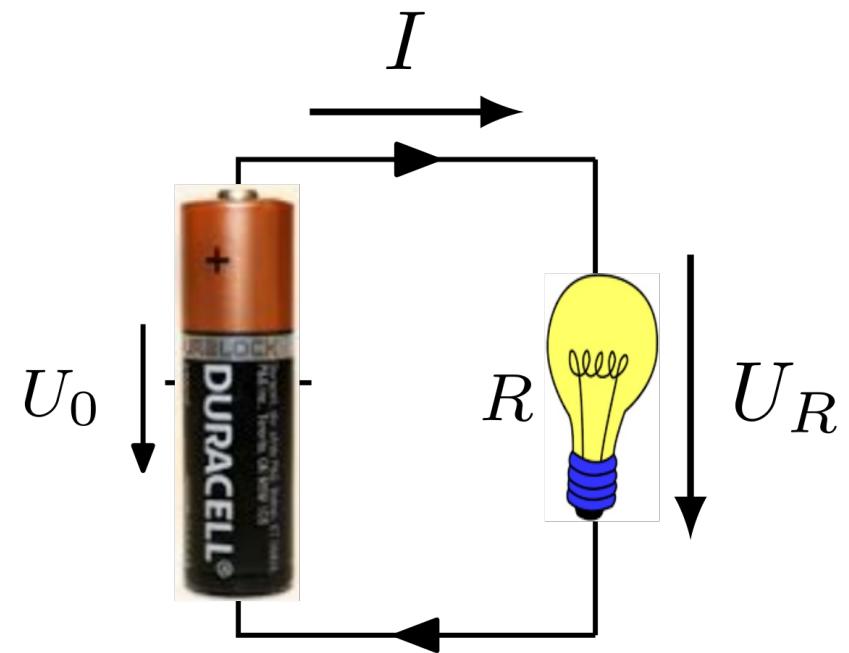
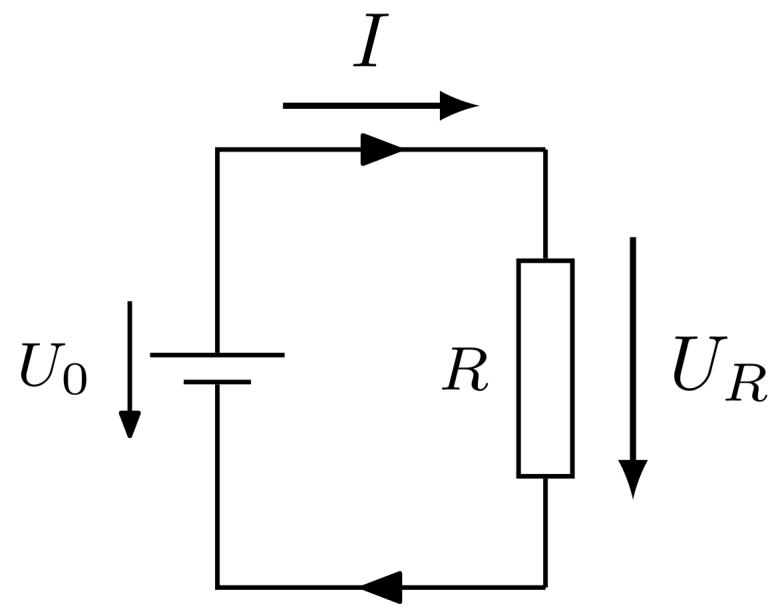
1001 - 9

1010 - 1

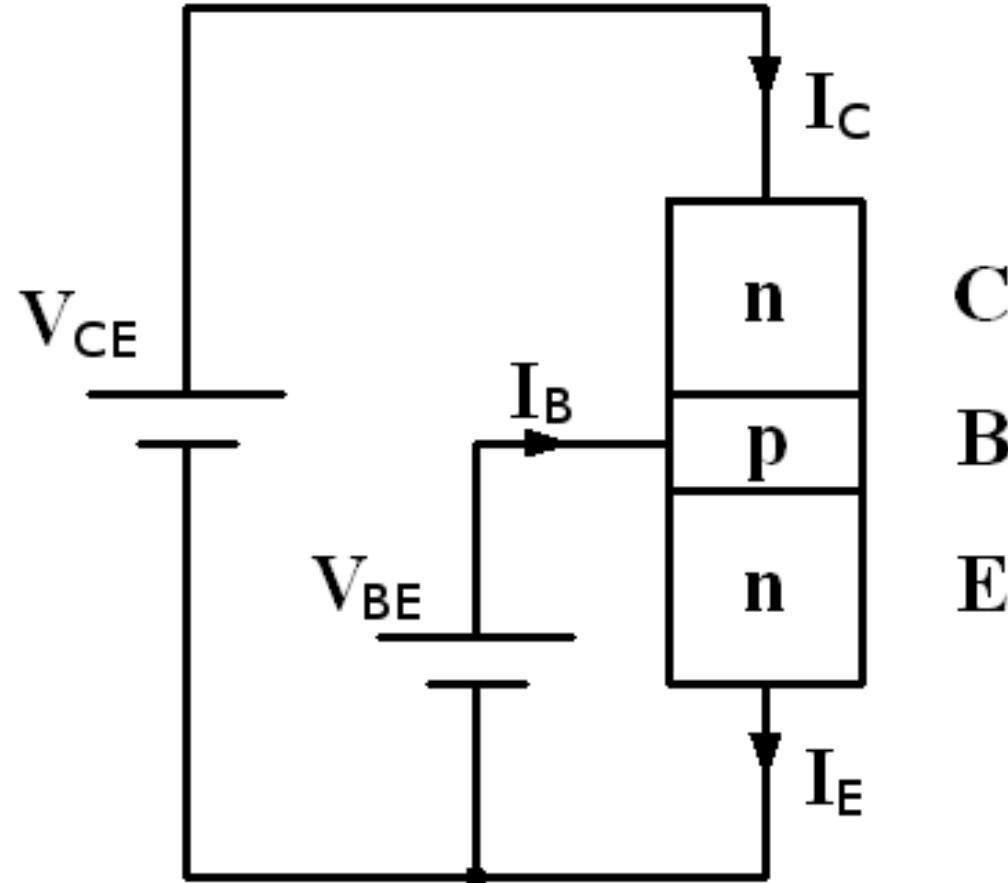
1011 - 11

10

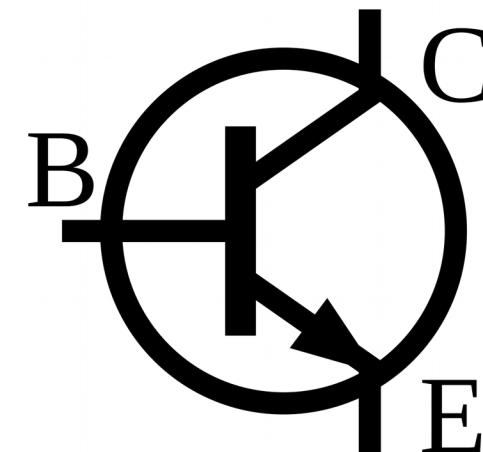
Struja



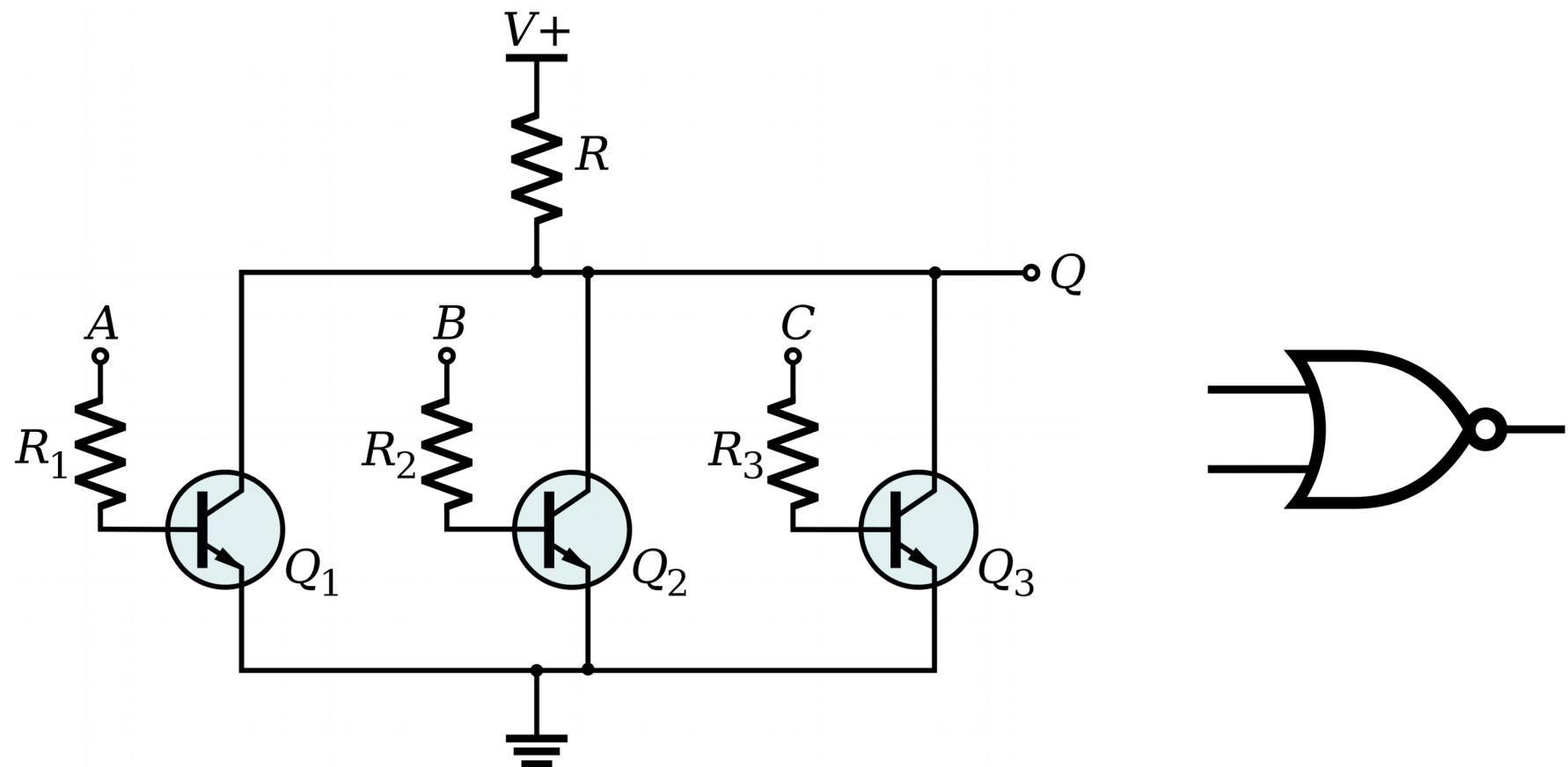
Tranzistor



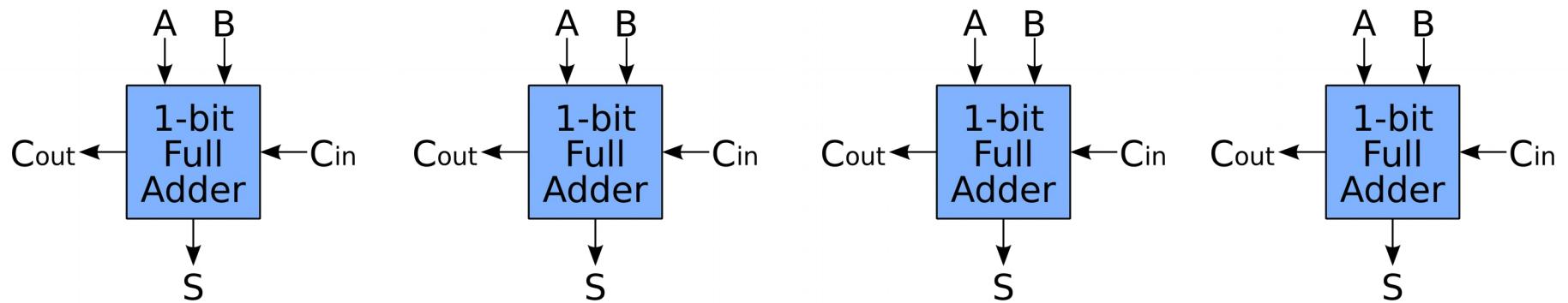
- Kolektor
- Emitor
- Baza



NOR logički element

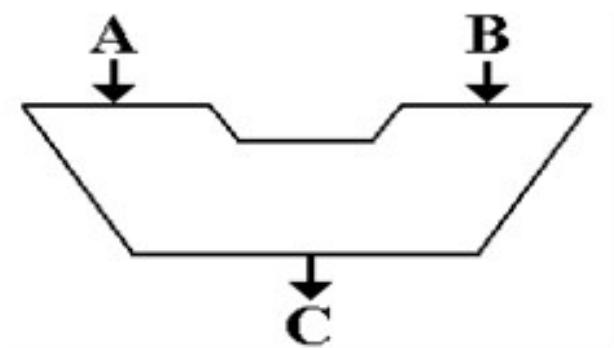


Sabirač



Aritmetičko logička jedinica

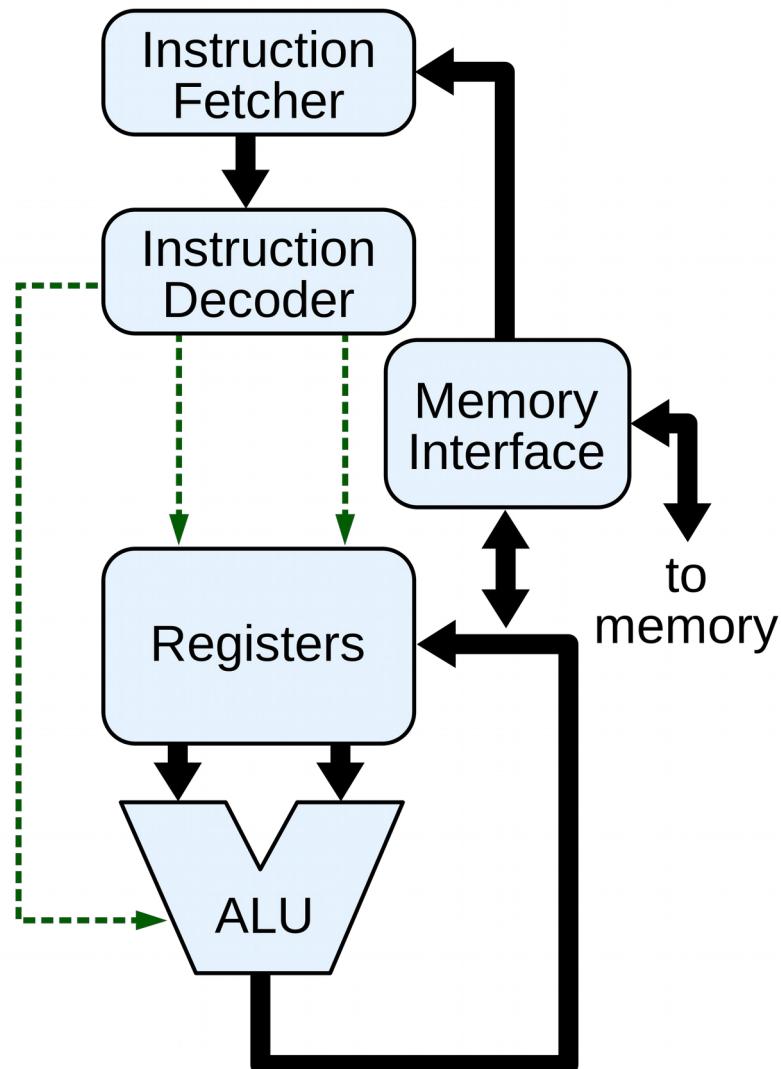
- Operandi: A i B
- Rezultat: C
- Operacije:
add, sub, mul, div, cmp, etc.



Instrukcije

MOV AX, BX;	$AX := BX$
ADD DX, CX;	$DX := DX + CX$
SUB DX, AX;	$DX := DX - AX$
INC AX;	$AX := AX + 1$
NOP	

Arhitektura procesora



Procesor

- Preko milijardu tranzistora
- Alu
- Keš memorije

