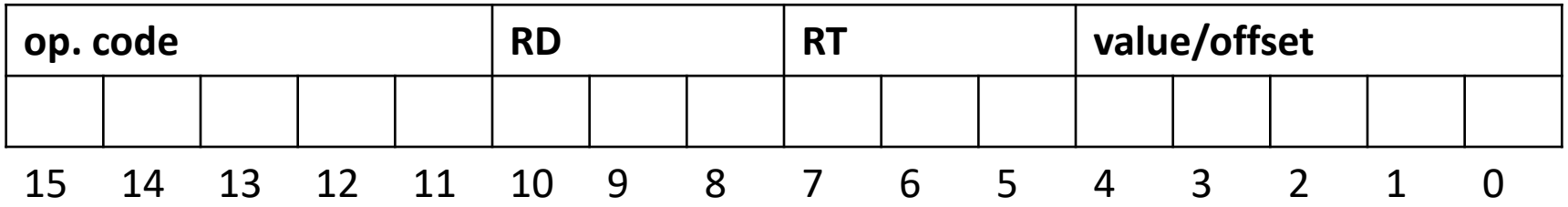
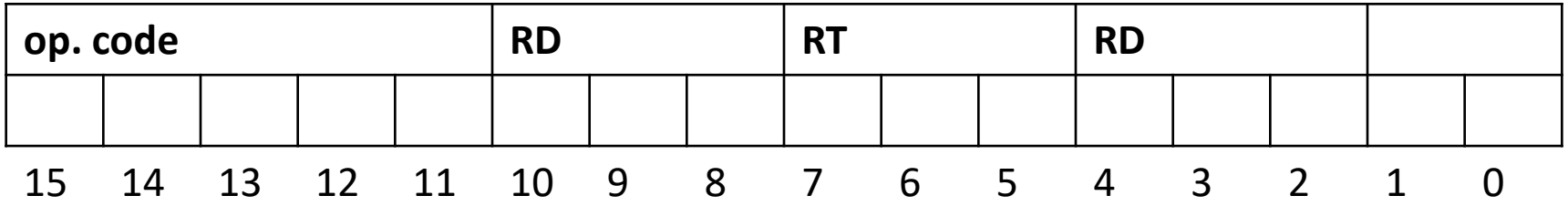
2 formata ukazov

I format: 2 registra in konstanta



R format: 3 registri



I format ukazov

2 registra in konstanta (operand)

op. code					**RS**			**RT**			**(unsigned) value**				
1	0	1	0	x											
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

addi $RT, $RS, value $RT ← $RS + value

subi $RT, $RS, value $RT ← $RS – value

I format ukazov

2 registra in konstanta (odmik)

op. code					**RS**			**RT**			**offset**				
1	0	0	0	x											
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

lw $RT, offset($RS)

sw $RT, offset($RS)

$RT ← MEM[$RS + offset]

MEM[$RS + offset] ← RT

I format ukazov

2 registra in konstanta (odmik)

op. code					**RS**			**RT**			**offset**				
0	1	0	0	0											
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

beq $RS, $RT, offset

if $RS == $RT:

$PC ← $PC + offset

else:

$PC ← $PC + 1

I format ukazov

2 registra in konstanta (odmik)

op. code					**RS**			**RT**			**offset**				
0	1	0	0	1											
15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0

bne $RS, $RT, offset

if $RS != $RT:

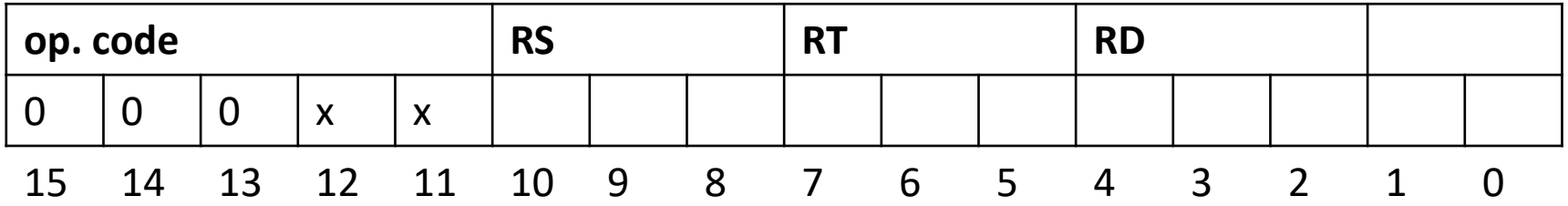
$PC ← $PC + offset

else:

$PC ← $PC + 1

R format ukazov

3 registri



add $RD, $RS, $RT $RD ← $RS + $RT

sub $RD, $RS, $RT $RD ← $RS – $RT

and $RD, $RS, $RT $RD ← $RS & $RT

or $RD, $RS, $RT $RD ← $RS | $RT

Operacijske kode

	15	14	13	12	11
ukaz	**op. code**				
add	0	0	0	0	0
sub	0	0	0	0	1
and	0	0	0	1	0
or	0	0	0	1	1
beq	0	1	0	0	0
bne	0	1	0	0	1
lw	1	0	0	0	0
sw	1	0	0	0	1
addi	1	0	1	0	0
subi	1	0	1	0	1