## NASP - 1.41-2010/12

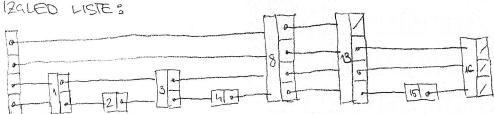
$$0 = 8 \quad p = 0.5$$

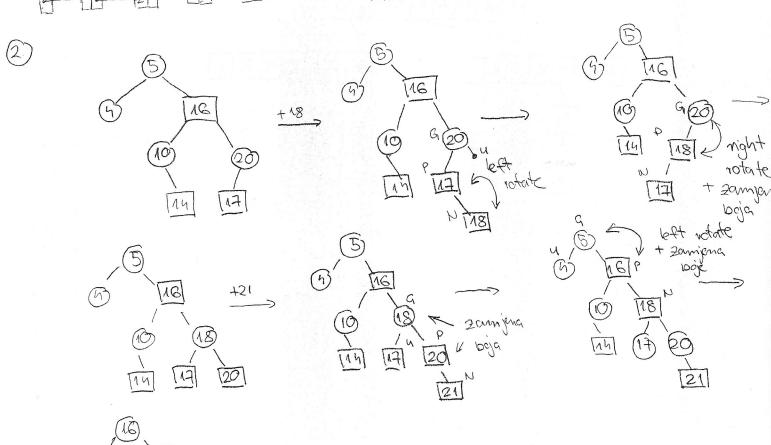
$$1 \leq 1 + \log_{3} n = 1 + \log_{2} 8 = 1 + 3 = 1$$

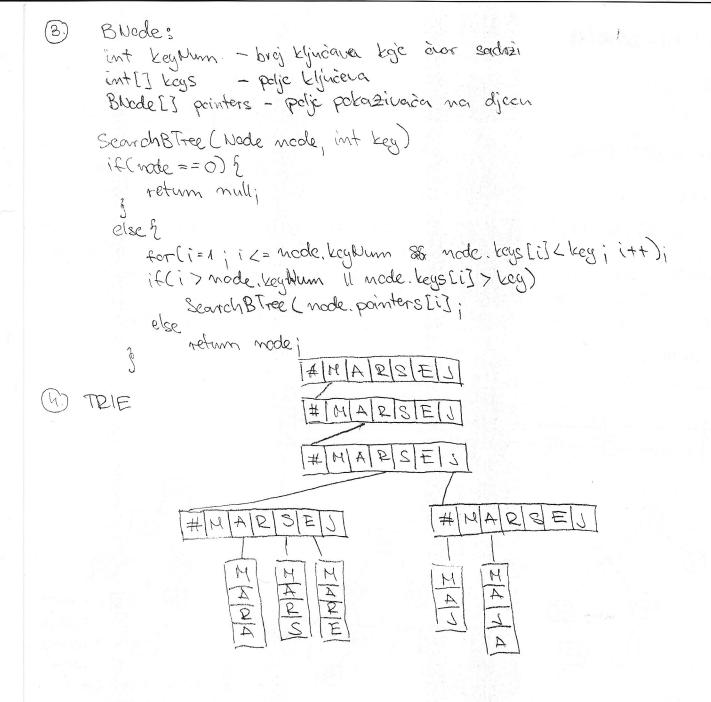
$$E(n) = n \cdot p^{k-1} \cdot (1-p)$$

 $E(n_1) = 8 \cdot (\frac{1}{2})^3 \cdot \frac{1}{2} = 4$   $E(n_2) = 8 \cdot (\frac{1}{2})^4 \cdot \frac{1}{2} = 2$   $E(n_3) = 8 \cdot (\frac{1}{2})^2 \cdot \frac{1}{2} = 1$   $E(n_4) = 8 \cdot (\frac{1}{2})^3 \cdot \frac{1}{2} = \frac{1}{2} \Rightarrow 1$   $\frac{74}{2}$ 

PRETING







10 WZ	-1. MI. 2011/12 (2) GENETSKI ALGORITMI
	pedinka 10110 01111 10101 10111 00001 Prikaži proces. debrota 66 89 27 15 3 stravanja 1
e /	izanje s jednam prekidnam točkam pk=0.8 move jedinke jutacija mijenja gen na koji se odnosi pm=0.1
DAN!	OM: 0.2,0.84,0.05,0.41,0.22,0.62,0.21,0.19,0.44,0.06,0.54,0.76,0.48,0.01
1) G	DABIR JEDINKI ZA KRIZANJE
	0110 C1111 10101 10111 00001 GG/150 33/150 27/150 15/150 3/150 0.44 0.28 0.18 0.1 0.02
	(C.44) [0.44, 0.7) [0.7, 0.88) [0.88, C.58) [C.88, 17
	2 -> P1 10110 Sh -> P3 10101
	DLUKA O reizanja de biti 0.05<0.8
3)	DABIR TOCKE PREKIPA (4 MOGUĆNOSTI)
5	en 91, 92, 98, 94, 95} ODAKLE ou our gove (e chour [0,0.25> [0.25,0.5> [0.5,0.75> [0.75,1)] BRODEVIZ
	w=0.11-> 12 ned n 92 i 93
	n'à anje
	$\frac{d110}{0101} \rightarrow \frac{10101}{10100}$
5) 1	WTACUA Wi < Pm
(13)	1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0
1	UTIRANE JEDINKE
	10101
6)	2LAZ

(x4x4) 
$$\frac{1}{1}$$
 xd = xd  $\frac{1}{1}$  .  $\frac{1$ 

W(3)= W(2)