

NH	1000					
c	0.1					
ytm	0.07					
T	5					
ytm2	0.08	1	2	3	4	5
CF	100	100	100	100	100	1100
dCF	93.45794	87.34387	81.62979	76.28952	784.2848	
P	1123.006					
durace	93.45794	174.6877	244.8894	305.1581	3921.424	
suma_dCF	4739.617					
Dm	4.220474	letech				
MD	3.944368	%				
\$D	44.29549					

koncept konvexity

dCF	93.45794	87.34387	81.62979	76.28952	784.2848
t*(t+1)*dCl	186.9159	524.0632	979.5575	1525.79	23528.54
	26744.87				
CX	23.81543				
delta_P	-42.9582				

aprox. Ceny

P' 1078.71 za predpokladu, ze ytm se zvysi o 1%

skutecna cena dluhopisu

	1	2	3	4	5
CF	100	100	100	100	1100
dCF	92.59259	85.73388	79.38322	73.50299	748.6415
P	1079.854				

odhad ceny podle MD,CX

P'' 1080.048

1.143765

-0.19348

IMUNIZACE

	1	2	3	4	5	6
CF	10000	10000	10000	10000	10000	10000
dCF	9174.312	8416.8	7721.835	7084.252	6499.314	5962.673
suma	44859.19					
	9174.312	16833.6	23165.5	28337.01	32496.57	35776.04
	145783					
Dm	3.249792					

obligace A	1	2	3	4	5
CF	70	70	70	70	1070
dCF	64.22018	58.9176	54.05284	49.58976	695.4266
suma	922.207				
	64.22018	117.8352	162.1585	198.3591	3477.133
	4019.706				
Dm	4.358789				

0.669822

30047.69

32.58237

14811.5

0.045222

0.128021