

## Номер дискрета времени I

0

Нормированный шаг H1	0,025
Нормированный шаг H2	0,05
Нормированный шаг H3	0,1
Начал.расстройка част.Z0	1
Коэфф.автоподстройки KP	10
KP-1	=B9-1
Расчет.пер.характер. Y(I)	=B8*(B9^I-1)*B10*(1-2,7^(-B5*B9* I))
Коэф.рекур.формулы A0h1	=1-(1/B5)*(1-(2,7^(-B5*I)))
Коэф.рекур.формулы A1h1	=(1/B5)*(1-2,7^(-B5*I))-EXP(-B5*I)
Коэф.рекур.формулы B1h1	=(2,7^(-B5*I)-1)/B5
Коэф.рекур.формулы A0h2	=1-(1/B6)*(1-(2,7^(-B6*I)))
Коэф.рекур.формулы A1h2	=(1/B6)*(1-2,7^(-B6*I))-2,7^(-B6*I)
Коэф.рекур.формулы B1h2	=-EXP(-B6*I)
Коэф.рекур.формулы A0h3	=1-(1/B7)*(1-(2,7^(-B7*I)))
Коэф.рекур.формулы A1h3	=(1/B7)*(1-2,7^(-B7*I))-2,7^(-B7*I)
Коэф.рекур.формулы B1h3	=-EXP(-B7*I)
Вычисление эксперим. переходной характеристики при H1:	
Сигнал на выходе НФ NF(I)	0
Расстройка X(I)	=B8
Эксп.хар-ка Ye(I) при H1	=-B25+B8
Вычисление эксперим. переходной характеристики при H2:	
Сигнал на выходе НФ NF(I)	0
Расстройка X(I)	0,5
Эксп.хар-ка Ye(I) при H2	=-B30+B8
Вычисление эксперим. переходной характеристики при H3:	
Сигнал на выходе НФ NF(I)	0
Расстройка X(I)	0,5
Эксп.хар-ка Ye(I) при H3	=-B35+B8
Отнош. Ye(40)/Y(40) при H1	=AP26/AP11
Отнош. Ye(40)/Y(40) при H2	=AP31/AP11
Отнош. Ye(40)/Y(40) при H3	=AP36/AP11
H=max(H1,H2,H3)	=МАКС(B5:B7)
Расстройка Хост эксп.	=B8-AP36
Расстройка Хост расч.	=B8/B9
0.95*Ye(40) при H3	=0,95*AP36
Длит.перех.пер.D расч.	=3/(B9*B7)
Нач. расстр. Z(I) раст.	=B3*B7*2

Нач. расстр. $Z(l)$ умен.	=10-B50
Сигнал НФ $NF(l)$ для Zраст	0
Расстройка $X(l)$ для Zраст	0
Сигнал НФ $NF(l)$ для Зумен	0
Расстройка $X(l)$ для Зумен	10

**1**

0,025

0,05

0,1

1

10

=C9-1

=C8\*(C9^1)\*C10\*(1-2,7^(-C5\*C9

=1-(1/C5)\*(1-2,7^(-C5)

=(1/C5)\*(1-2,7^(-C5))-2,7^(-C5

=-2,7^(-C5)

=1-(1/C6)\*(1-2,7^(-C6)

=(1/C6)\*(1-2,7^(-C6))-2,7^(-C6

=-2,7^(-C6)

=1-(1/C7)\*(1-2,7^(-C7)

=(1/C7)\*(1-2,7^(-C7))-2,7^(-C7

=-EXP(-C7)

=C13\*C8\*EXP(-0,5\*C8^2)

=C8-C10\*C24

=-C25+C8

=C16\*C8\*EXP(-0,5\*C8^2)

=C8-C10\*C29

=-C30+C8

=C19\*C8\*EXP(-0,5\*C8^2)

=C8-C10\*C34

=-C35+C8

=MAKC(C5:C7)

=C3\*C7\*2

**2**

0,025

0,05

0,1

1

10

=D9-1

=D8\*(D9^1)\*D10\*(1-2,7^(-D5\*D9

=1-(1/D5)\*(1-2,7^(-D5)

=(1/D5)\*(1-2,7^(-D5))-2,7^(-D5

=-2,7^(-D5)

=1-(1/D6)\*(1-2,7^(-D6)

=(1/D6)\*(1-2,7^(-D6))-2,7^(-D6

=-2,7^(-D6)

=1-(1/D7)\*(1-2,7^(-D7)

=(1/D7)\*(1-2,7^(-D7))-2,7^(-D7

=-EXP(-D7)

=D13\*C25\*EXP(-0,5\*C25^2)+D14

=D8-D10\*D24

=-D25+D8

=D16\*C30\*EXP(-0,5\*C30^2)+D17

=D8-D10\*D29

=-D30+D8

=D19\*C35\*EXP(-0,5\*C35^2)+D20

=D8-D10\*D34

=-D35+D8

=MAKC(D5:D7)

=D3\*D7\*2

**3**

0,025

0,05

0,1

1

10

=E9-1

=E8\*(E9^1)\*E10\*(1-2,7^(-E5\*E9

=1-(1/E5)\*(1-2,7^(-E5)

=(1/E5)\*(1-2,7^(-E5))-2,7^(-E5

=-2,7^(-E5)

=1-(1/E6)\*(1-2,7^(-E6)

=(1/E6)\*(1-2,7^(-E6))-2,7^(-E6

=-2,7^(-E6)

=1-(1/E7)\*(1-2,7^(-E7)

=(1/E7)\*(1-2,7^(-E7))-2,7^(-E7

=-EXP(-E7)

=E13\*D25\*EXP(-0,5\*D25^2)+E14

=E8-E10\*E24

=-E25+E8

=E16\*D30\*EXP(-0,5\*D30^2)+E17

=E8-E10\*E29

=-E30+E8

=E19\*D35\*EXP(-0,5\*D35^2)+E20

=E8-E10\*E34

=-E35+E8

=MAKC(E5:E7)

=E3\*E7\*2

=10-C50

=C19\*B50\*EXP(-0,5\*B50^2)  
=C50-C10\*C53

=C19\*B51\*EXP(-0,5\*B51^2)  
=C51-C10\*C56

=10-D50

=D19\*C54\*EXP(-0,5\*C54^2)+D20 =E19\*D54\*EXP(-0,5\*D54^2)+E20  
=D50-D10\*D53 =E50-E10\*E53

=D19\*C57\*EXP(-0,5\*C57^2)+D20 =E19\*D57\*EXP(-0,5\*D57^2)+E20  
=D51-D10\*D56 =E51-E10\*E56

=10-E50

4

5

6

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=F9-1

=G9-1

=H9-1

=F8\*(F9^1)\*F10\*(1-2,7^(-F5\*F9)) =G8\*(G9^1)\*G10\*(1-2,7^(-G5\*G9)) =H8\*(H9^1)\*H10\*(1-2,7^(-H5\*H9))

=1-(1/F5)\*(1-2,7^-F5)

=1-(1/G5)\*(1-2,7^-G5)

=1-(1/H5)\*(1-2,7^-H5)

=(1/F5)\*(1-2,7^-F5)-2,7^-F5

=(1/G5)\*(1-2,7^-G5)-2,7^-G5

=(1/H5)\*(1-2,7^-H5)-2,7^-H5

=(2,7^-F5)

=(2,7^-G5)

=(2,7^-H5)

=1-(1/F6)\*(1-2,7^-F6)

=1-(1/G6)\*(1-2,7^-G6)

=1-(1/H6)\*(1-2,7^-H6)

=(1/F6)\*(1-2,7^-F6)-2,7^-F6

=(1/G6)\*(1-2,7^-G6)-2,7^-G6

=(1/H6)\*(1-2,7^-H6)-2,7^-H6

=(2,7^-F6)

=(2,7^-G6)

=(2,7^-H6)

=1-(1/F7)\*(1-2,7^-F7)

=1-(1/G7)\*(1-2,7^-G7)

=1-(1/H7)\*(1-2,7^-H7)

=(1/F7)\*(1-2,7^-F7)-2,7^-F7

=(1/G7)\*(1-2,7^-G7)-2,7^-G7

=(1/H7)\*(1-2,7^-H7)-2,7^-H7

=-EXP(-F7)

=-EXP(-G7)

=-EXP(-H7)

=F13\*E25\*EXP(-0,5\*E25^2)+F14 =G13\*F25\*EXP(-0,5\*F25^2)+G14 =H13\*G25\*EXP(-0,5\*G25^2)+H14

=F8-F10\*F24

=G8-G10\*G24

=H8-H10\*H24

=-F25+F8

=-G25+G8

=-H25+H8

=F16\*E30\*EXP(-0,5\*E30^2)+F17 =G16\*F30\*EXP(-0,5\*F30^2)+G17 =H16\*G30\*EXP(-0,5\*G30^2)+H17

=F8-F10\*F29

=G8-G10\*G29

=H8-H10\*H29

=-F30+F8

=-G30+G8

=-H30+H8

=F19\*E35\*EXP(-0,5\*E35^2)+F20 =G19\*F35\*EXP(-0,5\*F35^2)+G20 =H19\*G35\*EXP(-0,5\*G35^2)+H20

=F8-F10\*F34

=G8-G10\*G34

=H8-H10\*H34

=-F35+F8

=-G35+G8

=-H35+H8

=MAKC(F5:F7)

=MAKC(G5:G7)

=MAKC(H5:H7)

=F3\*F7\*2

=G3\*G7\*2

=H3\*H7\*2

=10-F50

=10-G50

=10-H50

=F19\*E54\*EXP(-0,5\*E54^2)+F20' =G19\*F54\*EXP(-0,5\*F54^2)+G20 =H19\*G54\*EXP(-0,5\*G54^2)+H20  
=F50-F10\*F53 =G50-G10\*G53 =H50-H10\*H53

=F19\*E57\*EXP(-0,5\*E57^2)+F20' =G19\*F57\*EXP(-0,5\*F57^2)+G20 =H19\*G57\*EXP(-0,5\*G57^2)+H20  
=F51-F10\*F56 =G51-G10\*G56 =H51-H10\*H56

7

8

9

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=I9-1

=J9-1

=K9-1

=I8\*(I9^(-1))\*I10\*(1-2,7^(-I5\*I9\*I3))

=J8\*(J9^(-1))\*J10\*(1-2,7^(-J5\*J9\*J3))

=K8\*(K9^(-1))\*K10\*(1-2,7^(-K5\*K9\*K3))

=1-(1/I5)\*(1-2,7^-I5)

=1-(1/J5)\*(1-2,7^-J5)

=1-(1/K5)\*(1-2,7^-K5)

=(1/I5)\*(1-2,7^-I5)-2,7^-I5

=(1/J5)\*(1-2,7^-J5)-2,7^-J5

=(1/K5)\*(1-2,7^-K5)-2,7^-K5

=(2,7^-I5)

=(2,7^-J5)

=(2,7^-K5)

=1-(1/I6)\*(1-2,7^-I6)

=1-(1/J6)\*(1-2,7^-J6)

=1-(1/K6)\*(1-2,7^-K6)

=(1/I6)\*(1-2,7^-I6)-2,7^-I6

=(1/J6)\*(1-2,7^-J6)-2,7^-J6

=(1/K6)\*(1-2,7^-K6)-2,7^-K6

=(2,7^-I6)

=(2,7^-J6)

=(2,7^-K6)

=1-(1/I7)\*(1-2,7^-I7)

=1-(1/J7)\*(1-2,7^-J7)

=1-(1/K7)\*(1-2,7^-K7)

=(1/I7)\*(1-2,7^-I7)-2,7^-I7

=(1/J7)\*(1-2,7^-J7)-2,7^-J7

=(1/K7)\*(1-2,7^-K7)-2,7^-K7

=-EXP(-I7)

=-EXP(-J7)

=-EXP(-K7)

=I13\*H25\*EXP(-0,5\*H25^2)+I14\*(

=J13\*I25\*EXP(-0,5\*I25^2)+J14\*(H

=K13\*J25\*EXP(-0,5\*J25^2)+K14\*(

=I8-I10\*I24

=J8-J10\*J24

=K8-K10\*K24

=-I25+I8

=-J25+J8

=-K25+K8

=I16\*H30\*EXP(-0,5\*H30^2)+I17\*(

=J16\*I30\*EXP(-0,5\*I30^2)+J17\*(H

=K16\*J30\*EXP(-0,5\*J30^2)+K17\*(

=I8-I10\*I29

=J8-J10\*J29

=K8-K10\*K29

=-I30+I8

=-J30+J8

=-K30+K8

=I19\*H35\*EXP(-0,5\*H35^2)+I20\*(

=J19\*I35\*EXP(-0,5\*I35^2)+J20\*(H

=K19\*J35\*EXP(-0,5\*J35^2)+K20\*(

=I8-I10\*I34

=J8-J10\*J34

=K8-K10\*K34

=-I35+I8

=-J35+J8

=-K35+K8

=MAKC(I5:I7)

=MAKC(J5:J7)

=MAKC(K5:K7)

=I3\*I7\*2

=J3\*J7\*2

=K3\*K7\*2

=10-I50

=10-J50

=10-K50

=119\*H54\*EXP(-0,5\*H54^2)+I20\*(=J19\*I54\*EXP(-0,5\*I54^2)+J20\*H: =K19\*J54\*EXP(-0,5\*J54^2)+K20\*  
=I50-I10\*I53 =J50-J10\*J53 =K50-K10\*K53

=119\*H57\*EXP(-0,5\*H57^2)+I20\*(=J19\*I57\*EXP(-0,5\*I57^2)+J20\*H: =K19\*J57\*EXP(-0,5\*J57^2)+K20\*  
=I51-I10\*I56 =J51-J10\*J56 =K51-K10\*K56



10

0,025

0,05

0,1

1

10

=L9-1

=L8\*(L9^1)\*L10\*(1-2,7^(-L5\*L9\*L

=1-(1/L5)\*(1-2,7^-L5)

=(1/L5)\*(1-2,7^-L5)-2,7^-L5

=(2,7^-L5)

=1-(1/L6)\*(1-2,7^-L6)

=(1/L6)\*(1-2,7^-L6)-2,7^-L6

=(2,7^-L6)

=1-(1/L7)\*(1-2,7^-L7)

=(1/L7)\*(1-2,7^-L7)-2,7^-L7

=EXP(-L7)

=L13\*K25\*EXP(-0,5\*K25^2)+L14\* =M13\*L25\*EXP(-0,5\*L25^2)+M14 =N13\*M25\*EXP(-0,5\*M25^2)+N14

=L8-L10\*L24

=-L25+L8

11

0,025

0,05

0,1

1

10

=M9-1

=1-(1/M5)\*(1-2,7^-M5)

=(1/M5)\*(1-2,7^-M5)-2,7^-M5

=(2,7^-M5)

=1-(1/M6)\*(1-2,7^-M6)

=(1/M6)\*(1-2,7^-M6)-2,7^-M6

=(2,7^-M6)

=1-(1/M7)\*(1-2,7^-M7)

=(1/M7)\*(1-2,7^-M7)-2,7^-M7

=EXP(-M7)

=M8-M10\*M24

=-M25+M8

12

0,025

0,05

0,1

1

10

=N9-1

=1-(1/N5)\*(1-2,7^-N5)

=(1/N5)\*(1-2,7^-N5)-2,7^-N5

=(2,7^-N5)

=1-(1/N6)\*(1-2,7^-N6)

=(1/N6)\*(1-2,7^-N6)-2,7^-N6

=(2,7^-N6)

=1-(1/N7)\*(1-2,7^-N7)

=(1/N7)\*(1-2,7^-N7)-2,7^-N7

=EXP(-N7)

=N8-N10\*N24

=-N25+N8

=L16\*K30\*EXP(-0,5\*K30^2)+L17\* =M16\*L30\*EXP(-0,5\*L30^2)+M17 =N16\*M30\*EXP(-0,5\*M30^2)+N17

=L8-L10\*L29

=-L30+L8

=M8-M10\*M29

=-M30+M8

=N8-N10\*N29

=-N30+N8

=L19\*K35\*EXP(-0,5\*K35^2)+L20\* =M19\*L35\*EXP(-0,5\*L35^2)+M20 =N19\*M35\*EXP(-0,5\*M35^2)+N20

=L8-L10\*L34

=-L35+L8

=M8-M10\*M34

=-M35+M8

=N8-N10\*N34

=-N35+N8

=MAKC(L5:L7)

=MAKC(M5:M7)

=MAKC(N5:N7)

=L3\*L7\*2

=M3\*M7\*2

=N3\*N7\*2

$$=10-L50$$

$$=10-M50$$

$$=10-N50$$

$$\begin{aligned} &=L19*K54*EXP(-0,5*K54^2)+L20* \\ &=L50-L10*L53 \end{aligned} \quad \begin{aligned} &=M19*L54*EXP(-0,5*L54^2)+M20 \\ &=M50-M10*M53 \end{aligned} \quad \begin{aligned} &=N19*M54*EXP(-0,5*M54^2)+N20 \\ &=N50-N10*N53 \end{aligned}$$

$$\begin{aligned} &=L19*K57*EXP(-0,5*K57^2)+L20* \\ &=L51-L10*L56 \end{aligned} \quad \begin{aligned} &=M19*L57*EXP(-0,5*L57^2)+M20 \\ &=M51-M10*M56 \end{aligned} \quad \begin{aligned} &=N19*M57*EXP(-0,5*M57^2)+N20 \\ &=N51-N10*N56 \end{aligned}$$

13

14

15

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=O9-1

=P9-1

=Q9-1

=O8\*(O9^(-1))\*O10\*(1-2,7^(-O5\*O9))=P8\*(P9^(-1))\*P10\*(1-2,7^(-P5\*P9))=Q8\*(Q9^(-1))\*Q10\*(1-2,7^(-Q5\*Q9))

=1-(1/O5)\*(1-2,7^-O5)

=1-(1/P5)\*(1-2,7^-P5)

=1-(1/Q5)\*(1-2,7^-Q5)

=(1/O5)\*(1-2,7^-O5)-2,7^-O5

=(1/P5)\*(1-2,7^-P5)-2,7^-P5

=(1/Q5)\*(1-2,7^-Q5)-2,7^-Q5

=(2,7^-O5)

=(2,7^-P5)

=(2,7^-Q5)

=1-(1/O6)\*(1-2,7^-O6)

=1-(1/P6)\*(1-2,7^-P6)

=1-(1/Q6)\*(1-2,7^-Q6)

=(1/O6)\*(1-2,7^-O6)-2,7^-O6

=(1/P6)\*(1-2,7^-P6)-2,7^-P6

=(1/Q6)\*(1-2,7^-Q6)-2,7^-Q6

=(2,7^-O6)

=(2,7^-P6)

=(2,7^-Q6)

=1-(1/O7)\*(1-2,7^-O7)

=1-(1/P7)\*(1-2,7^-P7)

=1-(1/Q7)\*(1-2,7^-Q7)

=(1/O7)\*(1-2,7^-O7)-2,7^-O7

=(1/P7)\*(1-2,7^-P7)-2,7^-P7

=(1/Q7)\*(1-2,7^-Q7)-2,7^-Q7

=-EXP(-O7)

=-EXP(-P7)

=-EXP(-Q7)

=O13\*N25\*EXP(-0,5\*N25^2)+O14=P13\*O25\*EXP(-0,5\*O25^2)+P14=Q13\*P25\*EXP(-0,5\*P25^2)+Q14

=O8-O10\*O24

=P8-P10\*P24

=Q8-Q10\*Q24

=-O25+O8

=-P25+P8

=-Q25+Q8

=O16\*N30\*EXP(-0,5\*N30^2)+O17=P16\*O30\*EXP(-0,5\*O30^2)+P17=Q16\*P30\*EXP(-0,5\*P30^2)+Q17

=O8-O10\*O29

=P8-P10\*P29

=Q8-Q10\*Q29

=-O30+O8

=-P30+P8

=-Q30+Q8

=O19\*N35\*EXP(-0,5\*N35^2)+O20=P19\*O35\*EXP(-0,5\*O35^2)+P20=Q19\*P35\*EXP(-0,5\*P35^2)+Q20

=O8-O10\*O34

=P8-P10\*P34

=Q8-Q10\*Q34

=-O35+O8

=-P35+P8

=-Q35+Q8

=MAKC(O5:O7)

=MAKC(P5:P7)

=MAKC(Q5:Q7)

=O3\*O7\*2

=P3\*P7\*2

=Q3\*Q7\*2

=10-O50

=10-P50

=10-Q50

=O19\*N54\*EXP(-0,5\*N54^2)+O20 =P19\*O54\*EXP(-0,5\*O54^2)+P20 =Q19\*P54\*EXP(-0,5\*P54^2)+Q20  
=O50-O10\*O53 =P50-P10\*P53 =Q50-Q10\*Q53

=O19\*N57\*EXP(-0,5\*N57^2)+O21 =P19\*O57\*EXP(-0,5\*O57^2)+P21 =Q19\*P57\*EXP(-0,5\*P57^2)+Q21  
=O51-O10\*O56 =P51-P10\*P56 =Q51-Q10\*Q56

**16**

0,025

0,05

0,1

1

10

=R9-1

=R8\*(R9^1)\*R10\*(1-2,7^(-R5\*R9

=1-(1/R5)\*(1-2,7^-R5)

=(1/R5)\*(1-2,7^-R5)-2,7^-R5

=-(2,7^-R5)

=1-(1/R6)\*(1-2,7^-R6)

=(1/R6)\*(1-2,7^-R6)-2,7^-R6

=-(2,7^-R6)

=1-(1/R7)\*(1-2,7^-R7)

=(1/R7)\*(1-2,7^-R7)-2,7^-R7

=-EXP(-R7)

=R13\*Q25\*EXP(-0,5\*Q25^2)+R14

=R8-R10\*R24

=-R25+R8

=R16\*Q30\*EXP(-0,5\*Q30^2)+R17

=R8-R10\*R29

=-R30+R8

=R19\*Q35\*EXP(-0,5\*Q35^2)+R20

=R8-R10\*R34

=-R35+R8

=MAKC(R5:R7)

=R3\*R7\*2

**17**

0,025

0,05

0,1

1

10

=S9-1

=S8\*(S9^1)\*S10\*(1-2,7^(-S5\*S9

=1-(1/S5)\*(1-2,7^-S5)

=(1/S5)\*(1-2,7^-S5)-2,7^-S5

=-(2,7^-S5)

=1-(1/S6)\*(1-2,7^-S6)

=(1/S6)\*(1-2,7^-S6)-2,7^-S6

=-(2,7^-S6)

=1-(1/S7)\*(1-2,7^-S7)

=(1/S7)\*(1-2,7^-S7)-2,7^-S7

=-EXP(-S7)

=S13\*R25\*EXP(-0,5\*R25^2)+S14

=S8-S10\*S24

=-S25+S8

=S16\*R30\*EXP(-0,5\*R30^2)+S17

=S8-S10\*S29

=-S30+S8

=S19\*R35\*EXP(-0,5\*R35^2)+S20

=S8-S10\*S34

=-S35+S8

=MAKC(S5:S7)

=S3\*S7\*2

**18**

0,025

0,05

0,1

1

10

=T9-1

=T8\*(T9^1)\*T10\*(1-2,7^(-T5\*T9

=1-(1/T5)\*(1-2,7^-T5)

=(1/T5)\*(1-2,7^-T5)-2,7^-T5

=-(2,7^-T5)

=1-(1/T6)\*(1-2,7^-T6)

=(1/T6)\*(1-2,7^-T6)-2,7^-T6

=-(2,7^-T6)

=1-(1/T7)\*(1-2,7^-T7)

=(1/T7)\*(1-2,7^-T7)-2,7^-T7

=-EXP(-T7)

=T13\*S25\*EXP(-0,5\*S25^2)+T14

=T8-T10\*T24

=-T25+T8

=T16\*S30\*EXP(-0,5\*S30^2)+T17

=T8-T10\*T29

=-T30+T8

=T19\*S35\*EXP(-0,5\*S35^2)+T20

=T8-T10\*T34

=-T35+T8

=MAKC(T5:T7)

=T3\*T7\*2

=10-R50

=10-S50

=10-T50

=R19\*Q54\*EXP(-0,5\*Q54^2)+R2( =S19\*R54\*EXP(-0,5\*R54^2)+S20 =T19\*S54\*EXP(-0,5\*S54^2)+T20'  
=R50-R10\*R53 =S50-S10\*S53 =T50-T10\*T53

=R19\*Q57\*EXP(-0,5\*Q57^2)+R2( =S19\*R57\*EXP(-0,5\*R57^2)+S20 =T19\*S57\*EXP(-0,5\*S57^2)+T20'  
=R51-R10\*R56 =S51-S10\*S56 =T51-T10\*T56

19

20

21

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=U9-1

=V9-1

=W9-1

=U8\*(U9^(-1))\*U10\*(1-2,7^(-U5\*U9)) =V8\*(V9^(-1))\*V10\*(1-2,7^(-V5\*V9)) =W8\*(W9^(-1))\*W10\*(1-2,7^(-W5\*W9))

=1-(1/U5)\*(1-2,7^(-U5))

=1-(1/V5)\*(1-2,7^(-V5))

=1-(1/W5)\*(1-2,7^(-W5))

=(1/U5)\*(1-2,7^(-U5))-2,7^(-U5)

=(1/V5)\*(1-2,7^(-V5))-2,7^(-V5)

=(1/W5)\*(1-2,7^(-W5))-2,7^(-W5)

=(2,7^(-U5))

=(2,7^(-V5))

=(2,7^(-W5))

=1-(1/U6)\*(1-2,7^(-U6))

=1-(1/V6)\*(1-2,7^(-V6))

=1-(1/W6)\*(1-2,7^(-W6))

=(1/U6)\*(1-2,7^(-U6))-2,7^(-U6)

=(1/V6)\*(1-2,7^(-V6))-2,7^(-V6)

=(1/W6)\*(1-2,7^(-W6))-2,7^(-W6)

=(2,7^(-U6))

=(2,7^(-V6))

=(2,7^(-W6))

=1-(1/U7)\*(1-2,7^(-U7))

=1-(1/V7)\*(1-2,7^(-V7))

=1-(1/W7)\*(1-2,7^(-W7))

=(1/U7)\*(1-2,7^(-U7))-2,7^(-U7)

=(1/V7)\*(1-2,7^(-V7))-2,7^(-V7)

=(1/W7)\*(1-2,7^(-W7))-2,7^(-W7)

=-EXP(-U7)

=-EXP(-V7)

=-EXP(-W7)

=U13\*T25\*EXP(-0,5\*T25^2)+U14 =V13\*U25\*EXP(-0,5\*U25^2)+V14 =W13\*V25\*EXP(-0,5\*V25^2)+W1

=U8-U10\*U24

=V8-V10\*V24

=-W25+W8

=-U25+U8

=-V25+V8

=U16\*T30\*EXP(-0,5\*T30^2)+U17 =V16\*U30\*EXP(-0,5\*U30^2)+V17 =W16\*V30\*EXP(-0,5\*V30^2)+W1

=U8-U10\*U29

=V8-V10\*V29

=W8-W10\*W29

=-U30+U8

=-V30+V8

=-W30+W8

=U19\*T35\*EXP(-0,5\*T35^2)+U20 =V19\*U35\*EXP(-0,5\*U35^2)+V20 =W19\*V35\*EXP(-0,5\*V35^2)+W2

=U8-U10\*U34

=V8-V10\*V34

=W8-W10\*W34

=-U35+U8

=-V35+V8

=-W35+W8

=MAKC(U5:U7)

=MAKC(V5:V7)

=MAKC(W5:W7)

=U3\*U7\*2

=V3\*V7\*2

=W3\*W7\*2

$$=10-U50$$

$$=10-V50$$

$$=10-W50$$

$$\begin{aligned} &=U19*T54*EXP(-0,5*T54^2)+U20 &=V19*U54*EXP(-0,5*U54^2)+V20 &=W19*V54*EXP(-0,5*V54^2)+W2 \\ &=U50-U10*U53 &=V50-V10*V53 &=W50-W10*W53 \end{aligned}$$

$$\begin{aligned} &=U19*T57*EXP(-0,5*T57^2)+U20 &=V19*U57*EXP(-0,5*U57^2)+V20 &=W19*V57*EXP(-0,5*V57^2)+W2 \\ &=U51-U10*U56 &=V51-V10*V56 &=W51-W10*W56 \end{aligned}$$



22

23

24

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=X9-1

=Y9-1

=Z9-1

=X8\*(X9^1)\*X10\*(1-2,7^(-X5\*X9)) =Y8\*(Y9^1)\*Y10\*(1-2,7^(-Y5\*Y9)) =Z8\*(Z9^1)\*Z10\*(1-2,7^(-Z5\*Z9))

=1-(1/X5)\*(1-2,7^-X5)

=1-(1/Y5)\*(1-2,7^-Y5)

=1-(1/Z5)\*(1-2,7^-Z5)

=(1/X5)\*(1-2,7^-X5)-2,7^-X5

=(1/Y5)\*(1-2,7^-Y5)-2,7^-Y5

=(1/Z5)\*(1-2,7^-Z5)-2,7^-Z5

=(2,7^-X5)

=(2,7^-Y5)

=(2,7^-Z5)

=1-(1/X6)\*(1-2,7^-X6)

=1-(1/Y6)\*(1-2,7^-Y6)

=1-(1/Z6)\*(1-2,7^-Z6)

=(1/X6)\*(1-2,7^-X6)-2,7^-X6

=(1/Y6)\*(1-2,7^-Y6)-2,7^-Y6

=(1/Z6)\*(1-2,7^-Z6)-2,7^-Z6

=(2,7^-X6)

=(2,7^-Y6)

=(2,7^-Z6)

=1-(1/X7)\*(1-2,7^-X7)

=1-(1/Y7)\*(1-2,7^-Y7)

=1-(1/Z7)\*(1-2,7^-Z7)

=(1/X7)\*(1-2,7^-X7)-2,7^-X7

=(1/Y7)\*(1-2,7^-Y7)-2,7^-Y7

=(1/Z7)\*(1-2,7^-Z7)-2,7^-Z7

=-EXP(-X7)

=-EXP(-Y7)

=-EXP(-Z7)

=X13\*W25\*EXP(-0,5\*W25^2)+X1 =Y13\*X25\*EXP(-0,5\*X25^2)+Y14 =Z13\*Y25\*EXP(-0,5\*Y25^2)+Z14

=-X25+X8

=-Y25+Y8

=-Z25+Z8

=X16\*W30\*EXP(-0,5\*W30^2)+X1 =Y16\*X30\*EXP(-0,5\*X30^2)+Y17 =Z16\*Y30\*EXP(-0,5\*Y30^2)+Z17

=X8-X10\*X29

=Y8-Y10\*Y29

=Z8-Z10\*Z29

=-X30+X8

=-Y30+Y8

=-Z30+Z8

=X19\*W35\*EXP(-0,5\*W35^2)+X2 =Y19\*X35\*EXP(-0,5\*X35^2)+Y20 =Z19\*Y35\*EXP(-0,5\*Y35^2)+Z20

=X8-X10\*X34

=Y8-Y10\*Y34

=Z8-Z10\*Z34

=-X35+X8

=-Y35+Y8

=-Z35+Z8

=MAKC(X5:X7)

=MAKC(Y5:Y7)

=MAKC(Z5:Z7)

=X3\*X7\*2

=Y3\*Y7\*2

=Z3\*Z7\*2

$$=10-X50$$

$$=10-Y50$$

$$=10-Z50$$

$$\begin{aligned} &=X19*W54*EXP(-0,5*W54^2)+X2 &=Y19*X54*EXP(-0,5*X54^2)+Y20 &=Z19*Y54*EXP(-0,5*Y54^2)+Z20 \\ &=X50-X10*X53 &=Y50-Y10*Y53 &=Z50-Z10*Z53 \end{aligned}$$

$$\begin{aligned} &=X19*W57*EXP(-0,5*W57^2)+X2 &=Y19*X57*EXP(-0,5*X57^2)+Y20 &=Z19*Y57*EXP(-0,5*Y57^2)+Z20 \\ &=X51-X10*X56 &=Y51-Y10*Y56 &=Z51-Z10*Z56 \end{aligned}$$

25

26

27

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=AA9-1

=AB9-1

=AC9-1

=AA8\*(AA9^(-1))\*AA10\*(1-2,7^(-AA

=AB8\*(AB9^(-1))\*AB10\*(1-2,7^(-AB

=AC8\*(AC9^(-1))\*AC10\*(1-2,7^(-AC

=1-(1/AA5)\*(1-2,7^-AA5)

=1-(1/AB5)\*(1-2,7^-AB5)

=1-(1/AC5)\*(1-2,7^-AC5)

=(1/AA5)\*(1-2,7^-AA5)-2,7^-AA5

=(1/AB5)\*(1-2,7^-AB5)-2,7^-AB5

=(1/AC5)\*(1-2,7^-AC5)-2,7^-AC5

=(2,7^-AA5)

=(2,7^-AB5)

=(2,7^-AC5)

=1-(1/AA6)\*(1-2,7^-AA6)

=1-(1/AB6)\*(1-2,7^-AB6)

=1-(1/AC6)\*(1-2,7^-AC6)

=(1/AA6)\*(1-2,7^-AA6)-2,7^-AA6

=(1/AB6)\*(1-2,7^-AB6)-2,7^-AB6

=(1/AC6)\*(1-2,7^-AC6)-2,7^-AC6

=(2,7^-AA6)

=(2,7^-AB6)

=(2,7^-AC6)

=1-(1/AA7)\*(1-2,7^-AA7)

=1-(1/AB7)\*(1-2,7^-AB7)

=1-(1/AC7)\*(1-2,7^-AC7)

=(1/AA7)\*(1-2,7^-AA7)-2,7^-AA7

=(1/AB7)\*(1-2,7^-AB7)-2,7^-AB7

=(1/AC7)\*(1-2,7^-AC7)-2,7^-AC7

=-EXP(-AA7)

=-EXP(-AB7)

=-EXP(-AC7)

=AA13\*Z25\*EXP(-0,5\*Z25^2)+AA

=AB13\*AA25\*EXP(-0,5\*AA25^2)+

=AC13\*AB25\*EXP(-0,5\*AB25^2)+

=-AA25+AA8

=-AB25+AB8

=-AC25+AC8

=AA16\*Z30\*EXP(-0,5\*Z30^2)+AA

=AB16\*AA30\*EXP(-0,5\*AA30^2)+

=AC16\*AB30\*EXP(-0,5\*AB30^2)+

=AA8-AA10\*AA29

=AB8-AB10\*AB29

=AC8-AC10\*AC29

=-AA30+AA8

=-AB30+AB8

=-AC30+AC8

=AA19\*Z35\*EXP(-0,5\*Z35^2)+AA

=AB19\*AA35\*EXP(-0,5\*AA35^2)+

=AC19\*AB35\*EXP(-0,5\*AB35^2)+

=AA8-AA10\*AA34

=AB8-AB10\*AB34

=AC8-AC10\*AC34

=-AA35+AA8

=-AB35+AB8

=-AC35+AC8

=MAKC(AA5:AA7)

=MAKC(AB5:AB7)

=MAKC(AC5:AC7)

=AA3\*AA7\*2

=AB3\*AB7\*2

=AC3\*AC7\*2

=10-AA50

=10-AB50

=10-AC50

=AA19\*Z54\*EXP(-0,5\*Z54^2)+AA =AB19\*AA54\*EXP(-0,5\*AA54^2)+ =AC19\*AB54\*EXP(-0,5\*AB54^2)+  
=AA50-AA10\*AA53 =AB50-AB10\*AB53 =AC50-AC10\*AC53

=AA19\*Z57\*EXP(-0,5\*Z57^2)+AA =AB19\*AA57\*EXP(-0,5\*AA57^2)+ =AC19\*AB57\*EXP(-0,5\*AB57^2)+  
=AA51-AA10\*AA56 =AB51-AB10\*AB56 =AC51-AC10\*AC56

28

29

30

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=AD9-1

=AE9-1

=AF9-1

=AD8\*(AD9^(-1))\*AD10\*(1-2,7^(-AD9))

=AE8\*(AE9^(-1))\*AE10\*(1-2,7^(-AE9))

=AF8\*(AF9^(-1))\*AF10\*(1-2,7^(-AF9))

=1-(1/AD5)\*(1-2,7^(-AD5))

=1-(1/AE5)\*(1-2,7^(-AE5))

=1-(1/AF5)\*(1-2,7^(-AF5))

=(1/AD5)\*(1-2,7^(-AD5))-2,7^(-AD5)

=(1/AE5)\*(1-2,7^(-AE5))-2,7^(-AE5)

=(1/AF5)\*(1-2,7^(-AF5))-2,7^(-AF5)

=(2,7^(-AD5))

=(2,7^(-AE5))

=(2,7^(-AF5))

=1-(1/AD6)\*(1-2,7^(-AD6))

=1-(1/AE6)\*(1-2,7^(-AE6))

=1-(1/AF6)\*(1-2,7^(-AF6))

=(1/AD6)\*(1-2,7^(-AD6))-2,7^(-AD6)

=(1/AE6)\*(1-2,7^(-AE6))-2,7^(-AE6)

=(1/AF6)\*(1-2,7^(-AF6))-2,7^(-AF6)

=(2,7^(-AD6))

=(2,7^(-AE6))

=(2,7^(-AF6))

=1-(1/AD7)\*(1-2,7^(-AD7))

=1-(1/AE7)\*(1-2,7^(-AE7))

=1-(1/AF7)\*(1-2,7^(-AF7))

=(1/AD7)\*(1-2,7^(-AD7))-2,7^(-AD7)

=(1/AE7)\*(1-2,7^(-AE7))-2,7^(-AE7)

=(1/AF7)\*(1-2,7^(-AF7))-2,7^(-AF7)

=-EXP(-AD7)

=-EXP(-AE7)

=-EXP(-AF7)

=AD13\*AC25\*EXP(-0,5\*AC25^2)+AE13\*AD25\*EXP(-0,5\*AD25^2)+AF13\*AE25\*EXP(-0,5\*AE25^2)+

=-AD25+AD8

=-AE25+AE8

=-AF25+AF8

=AD16\*AC30\*EXP(-0,5\*AC30^2)+AE16\*AD30\*EXP(-0,5\*AD30^2)+AF16\*AE30\*EXP(-0,5\*AE30^2)+

=AD8-AD10\*AD29

=AE8-AE10\*AE29

=AF8-AF10\*AF29

=-AD30+AD8

=-AE30+AE8

=-AF30+AF8

=AD19\*AC35\*EXP(-0,5\*AC35^2)+AE19\*AD35\*EXP(-0,5\*AD35^2)+AF19\*AE35\*EXP(-0,5\*AE35^2)+

=AD8-AD10\*AD34

=AE8-AE10\*AE34

=AF8-AF10\*AF34

=-AD35+AD8

=-AE35+AE8

=-AF35+AF8

=MAKC(AD5:AD7)

=MAKC(AE5:AE7)

=MAKC(AF5:AF7)

=AD3\*AD7\*2

=AE3\*AE7\*2

=AF3\*AF7\*2

=10-AD50

=10-AE50

=10-AF50

=AD19\*AC54\*EXP(-0,5\*AC54^2)+=AE19\*AD54\*EXP(-0,5\*AD54^2)+=AF19\*AE54\*EXP(-0,5\*AE54^2)+  
=AD50-AD10\*AD53 =AE50-AE10\*AE53 =AF50-AF10\*AF53

=AD19\*AC57\*EXP(-0,5\*AC57^2)+=AE19\*AD57\*EXP(-0,5\*AD57^2)+=AF19\*AE57\*EXP(-0,5\*AE57^2)+  
=AD51-AD10\*AD56 =AE51-AE10\*AE56 =AF51-AF10\*AF56

**31****32****33**

0,025

0,025

0,025

0,05

0,05

0,05

0,1

0,1

0,1

1

1

1

10

10

10

=AG9-1

=AH9-1

=AI9-1

=AG8\*(AG9^(-1))\*AG10\*(1-2,7^(-AG9)) = AH8\*(AH9^(-1))\*AH10\*(1-2,7^(-AH9)) = AI8\*(AI9^(-1))\*AI10\*(1-2,7^(-AI9))

=1-(1/AG5)\*(1-2,7^-AG5)

=1-(1/AH5)\*(1-2,7^-AH5)

=1-(1/AI5)\*(1-2,7^-AI5)

=(1/AG5)\*(1-2,7^-AG5)-2,7^-AG5

=(1/AH5)\*(1-2,7^-AH5)-2,7^-AH5

=(1/AI5)\*(1-2,7^-AI5)-2,7^-AI5

=- (2,7^-AG5)

=- (2,7^-AH5)

=- (2,7^-AI5)

=1-(1/AG6)\*(1-2,7^-AG6)

=1-(1/AH6)\*(1-2,7^-AH6)

=1-(1/AI6)\*(1-2,7^-AI6)

=(1/AG6)\*(1-2,7^-AG6)-2,7^-AG6

=(1/AH6)\*(1-2,7^-AH6)-2,7^-AH6

=(1/AI6)\*(1-2,7^-AI6)-2,7^-AI6

=- (2,7^-AG6)

=- (2,7^-AH6)

=- (2,7^-AI6)

=1-(1/AG7)\*(1-2,7^-AG7)

=1-(1/AH7)\*(1-2,7^-AH7)

=1-(1/AI7)\*(1-2,7^-AI7)

=(1/AG7)\*(1-2,7^-AG7)-2,7^-AG7

=(1/AH7)\*(1-2,7^-AH7)-2,7^-AH7

=(1/AI7)\*(1-2,7^-AI7)-2,7^-AI7

=-EXP(-AG7)

=-EXP(-AH7)

=-EXP(-AI7)

=AG13\*AF25\*EXP(-0,5\*AF25^2)+ =AH13\*AG25\*EXP(-0,5\*AG25^2) =AI13\*AH25\*EXP(-0,5\*AH25^2)+

=-AG25+AG8

=-AH25+AH8

=-AI25+AI8

=AG16\*AF30\*EXP(-0,5\*AF30^2)+ =AH16\*AG30\*EXP(-0,5\*AG30^2) =AI16\*AH30\*EXP(-0,5\*AH30^2)+

=AG8-AG10\*AG29

=AH8-AH10\*AH29

=AI8-AI10\*AI29

=-AG30+AG8

=-AH30+AH8

=-AI30+AI8

=AG19\*AF35\*EXP(-0,5\*AF35^2)+ =AH19\*AG35\*EXP(-0,5\*AG35^2) =AI19\*AH35\*EXP(-0,5\*AH35^2)+

=AG8-AG10\*AG34

=AH8-AH10\*AH34

=AI8-AI10\*AI34

=-AG35+AG8

=-AH35+AH8

=-AI35+AI8

=MAKC(AG5:AG7)

=MAKC(AH5:AH7)

=MAKC(AI5:AI7)

=AG3\*AG7\*2

=AH3\*AH7\*2

=AI3\*AI7\*2

=10-AG50

=10-AH50

=10-AI50

=AG19\*AF54\*EXP(-0,5\*AF54^2)+ =AH19\*AG54\*EXP(-0,5\*AG54^2)· =AI19\*AH54\*EXP(-0,5\*AH54^2)+,  
=AG50-AG10\*AG53 =AH50-AH10\*AH53 =AI50-AI10\*AI53

=AG19\*AF57\*EXP(-0,5\*AF57^2)+ =AH19\*AG57\*EXP(-0,5\*AG57^2)· =AI19\*AH57\*EXP(-0,5\*AH57^2)+,  
=AG51-AG10\*AG56 =AH51-AH10\*AH56 =AI51-AI10\*AI56



**34**

0,025

0,05

0,1

1

10

=AJ9-1

=AJ8\*(AJ9^(-1))\*AJ10\*(1-2,7^(-AJ5

=1-(1/AJ5)\*(1-2,7^-AJ5)

=(1/AJ5)\*(1-2,7^-AJ5)-2,7^-AJ5

=- (2,7^-AJ5)

=1-(1/AJ6)\*(1-2,7^-AJ6)

=(1/AJ6)\*(1-2,7^-AJ6)-2,7^-AJ6

=- (2,7^-AJ6)

=1-(1/AJ7)\*(1-2,7^-AJ7)

=(1/AJ7)\*(1-2,7^-AJ7)-2,7^-AJ7

=-EXP(-AJ7)

=AJ13\*AI25\*EXP(-0,5\*AI25^2)+A. =AK13\*AJ25\*EXP(-0,5\*AJ25^2)+AJ =AL13\*AK25\*EXP(-0,5\*AK25^2)+

=-AJ25+AJ8

=AJ16\*AI30\*EXP(-0,5\*AI30^2)+A.

=AJ8-AJ10\*AJ29

=-AJ30+AJ8

=AJ19\*AI35\*EXP(-0,5\*AI35^2)+A.

=AJ8-AJ10\*AJ34

=-AJ35+AJ8

=MAKC(AJ5:AJ7)

=AJ3\*AJ7\*2

**35**

0,025

0,05

0,1

1

10

=AK9-1

=AK8\*(AK9^(-1))\*AK10\*(1-2,7^(-AK

=1-(1/AK5)\*(1-2,7^-AK5)

=(1/AK5)\*(1-2,7^-AK5)-2,7^-AK5

=- (2,7^-AK5)

=1-(1/AK6)\*(1-2,7^-AK6)

=(1/AK6)\*(1-2,7^-AK6)-2,7^-AK6

=- (2,7^-AK6)

=1-(1/AK7)\*(1-2,7^-AK7)

=(1/AK7)\*(1-2,7^-AK7)-2,7^-AK7

=-EXP(-AK7)

=-AK25+AK8

=AK16\*AJ30\*EXP(-0,5\*AJ30^2)+AJ

=AK8-AK10\*AK29

=-AK30+AK8

=AK19\*AJ35\*EXP(-0,5\*AJ35^2)+AJ

=AK8-AK10\*AK34

=-AK35+AK8

=MAKC(AK5:AK7)

=AK3\*AK7\*2

**36**

0,025

0,05

0,1

1

10

=AL9-1

=AL8\*(AL9^(-1))\*AL10\*(1-2,7^(-AL

=1-(1/AL5)\*(1-2,7^-AL5)

=(1/AL5)\*(1-2,7^-AL5)-2,7^-AL5

=- (2,7^-AL5)

=1-(1/AL6)\*(1-2,7^-AL6)

=(1/AL6)\*(1-2,7^-AL6)-2,7^-AL6

=- (2,7^-AL6)

=1-(1/AL7)\*(1-2,7^-AL7)

=(1/AL7)\*(1-2,7^-AL7)-2,7^-AL7

=-EXP(-AL7)

=-AL25+AL8

=AL16\*AK30\*EXP(-0,5\*AK30^2)+AJ

=AL8-AL10\*AL29

=-AL30+AL8

=AL19\*AK35\*EXP(-0,5\*AK35^2)+AJ

=AL8-AL10\*AL34

=-AL35+AL8

=MAKC(AL5:AL7)

=AL3\*AL7\*2

=10-AJ50

=10-AK50

=10-AL50

=AJ19\*AI54\*EXP(-0,5\*AI54^2)+A, =AK19\*AJ54\*EXP(-0,5\*AJ54^2)+A, =AL19\*AK54\*EXP(-0,5\*AK54^2)+  
=AJ50-AJ10\*AJ53 =AK50-AK10\*AK53 =AL50-AL10\*AL53

=AJ19\*AI57\*EXP(-0,5\*AI57^2)+A, =AK19\*AJ57\*EXP(-0,5\*AJ57^2)+A, =AL19\*AK57\*EXP(-0,5\*AK57^2)+  
=AJ51-AJ10\*AJ56 =AK51-AK10\*AK56 =AL51-AL10\*AL56

37

0,025

0,05

0,1

1

10

=AM9-1

=AM8\*(AM9^1-1)\*AM10\*(1-2,7^(-AM9-1))

=1-(1/AM5)\*(1-2,7^-AM5)

=(1/AM5)\*(1-2,7^-AM5)-2,7^-AM5

=-2,7^-AM5

=1-(1/AM6)\*(1-2,7^-AM6)

=(1/AM6)\*(1-2,7^-AM6)-2,7^-AM6

=-2,7^-AM6

=1-(1/AM7)\*(1-2,7^-AM7)

=(1/AM7)\*(1-2,7^-AM7)-2,7^-AM7

=-EXP(-AM7)

=AM13\*AL25\*EXP(-0,5\*AL25^2)+

=-AM25+AM8

=AM16\*AL30\*EXP(-0,5\*AL30^2)+

=AM8-AM10\*AM29

=-AM30+AM8

=AM19\*AL35\*EXP(-0,5\*AL35^2)+

=AM8-AM10\*AM34

=-AM35+AM8

=MAKC(AM5:AM7)

=AM3\*AM7\*2

38

0,025

0,05

0,1

1

10

=AN9-1

=AN8\*(AN9^1-1)\*AN10\*(1-2,7^(-AN9-1))

=1-(1/AN5)\*(1-2,7^-AN5)

=(1/AN5)\*(1-2,7^-AN5)-2,7^-AN5

=-2,7^-AN5

=1-(1/AN6)\*(1-2,7^-AN6)

=(1/AN6)\*(1-2,7^-AN6)-2,7^-AN6

=-2,7^-AN6

=1-(1/AN7)\*(1-2,7^-AN7)

=(1/AN7)\*(1-2,7^-AN7)-2,7^-AN7

=-EXP(-AN7)

=AN13\*AM25\*EXP(-0,5\*AM25^2)

=-AN25+AN8

=AN16\*AM30\*EXP(-0,5\*AM30^2)

=AN8-AN10\*AN29

=-AN30+AN8

=AN19\*AM35\*EXP(-0,5\*AM35^2)

=AN8-AN10\*AN34

=-AN35+AN8

=MAKC(AN5:AN7)

=AN3\*AN7\*2

39

0,025

0,05

0,1

1

10

=AO9-1

=AO8\*(AO9^1-1)\*AO10\*(1-2,7^(-AO9-1))

=1-(1/AO5)\*(1-2,7^-AO5)

=(1/AO5)\*(1-2,7^-AO5)-2,7^-AO5

=-2,7^-AO5

=1-(1/AO6)\*(1-2,7^-AO6)

=(1/AO6)\*(1-2,7^-AO6)-2,7^-AO6

=-2,7^-AO6

=1-(1/AO7)\*(1-2,7^-AO7)

=(1/AO7)\*(1-2,7^-AO7)-2,7^-AO7

=-EXP(-AO7)

=AO13\*AN25\*EXP(-0,5\*AN25^2)-

=-AO25+AO8

=AO16\*AN30\*EXP(-0,5\*AN30^2)-

=AO8-AO10\*AO29

=-AO30+AO8

=AO19\*AN35\*EXP(-0,5\*AN35^2)-

=AO8-AO10\*AO34

=-AO35+AO8

=MAKC(AO5:AO7)

=AO3\*AO7\*2

=10-AM50

=10-AN50

=10-AO50

=AM19\*AL54\*EXP(-0,5\*AL54^2)+ =AN19\*AM54\*EXP(-0,5\*AM54^2) =AO19\*AN54\*EXP(-0,5\*AN54^2)-  
=AM50-AM10\*AM53 =AN50-AN10\*AN53 =AO50-AO10\*AO53

=AM19\*AL57\*EXP(-0,5\*AL57^2)+ =AN19\*AM57\*EXP(-0,5\*AM57^2) =AO19\*AN57\*EXP(-0,5\*AN57^2)-  
=AM51-AM10\*AM56 =AN51-AN10\*AN56 =AO51-AO10\*AO56

40

0,025  
0,05  
0,1  
1  
10  
=AP9-1

=AP8\*(AP9^(-1))\*AP10\*(1-2,7^(-AP

=1-(1/AP5)\*(1-2,7^(-AP5))  
=(1/AP5)\*(1-2,7^(-AP5))-2,7^(-AP5)  
=-2,7^(-AP5)  
=1-(1/AP6)\*(1-2,7^(-AP6))  
=(1/AP6)\*(1-2,7^(-AP6))-2,7^(-AP6)  
=-2,7^(-AP6)  
=1-(1/AP7)\*(1-2,7^(-AP7))  
=(1/AP7)\*(1-2,7^(-AP7))-2,7^(-AP7)  
=-EXP(-AP7)

=AP13\*AO25\*EXP(-0,5\*AO25^2)-

=-AP25+AP8

=AP16\*AO30\*EXP(-0,5\*AO30^2)-  
=AP8-AP10\*AP29  
=-AP30+AP8

=AP19\*AO35\*EXP(-0,5\*AO35^2)-  
=AP8-AP10\*AP34  
=-AP35+AP8

=MAKC(AP5:AP7)

=AP3\*AP7\*2

41

0,025  
0,05  
0,1  
1  
10  
=AQ9-1

=AQ8\*(AQ9^(-1))\*AQ10\*(1-2,7^(-AQ

=1-(1/AQ5)\*(1-2,7^(-AQ5))  
=(1/AQ5)\*(1-2,7^(-AQ5))-2,7^(-AQ5)  
=-2,7^(-AQ5)  
=1-(1/AQ6)\*(1-2,7^(-AQ6))  
=(1/AQ6)\*(1-2,7^(-AQ6))-2,7^(-AQ6)  
=-2,7^(-AQ6)  
=1-(1/AQ7)\*(1-2,7^(-AQ7))  
=(1/AQ7)\*(1-2,7^(-AQ7))-2,7^(-AQ7)  
=-EXP(-AQ7)

=AQ13\*AP25\*EXP(-0,5\*AP25^2)+

=-AQ25+AQ8

=AQ16\*AP30\*EXP(-0,5\*AP30^2)+  
=AQ8-AQ10\*AQ29  
=-AQ30+AQ8

=AQ19\*AP35\*EXP(-0,5\*AP35^2)+  
=AQ8-AQ10\*AQ34  
=-AQ35+AQ8

=MAKC(AQ5:AQ7)

=AQ3\*AQ7\*2

42

0,025  
0,05  
0,1  
1  
10  
=AR9-1

=AR8\*(AR9^(-1))\*AR10\*(1-2,7^(-AR

=1-(1/AR5)\*(1-2,7^(-AR5))  
=(1/AR5)\*(1-2,7^(-AR5))-2,7^(-AR5)  
=-2,7^(-AR5)  
=1-(1/AR6)\*(1-2,7^(-AR6))  
=(1/AR6)\*(1-2,7^(-AR6))-2,7^(-AR6)  
=-2,7^(-AR6)  
=1-(1/AR7)\*(1-2,7^(-AR7))  
=(1/AR7)\*(1-2,7^(-AR7))-2,7^(-AR7)  
=-EXP(-AR7)

=AR13\*AQ25\*EXP(-0,5\*AQ25^2)-

=-AR25+AR8

=AR16\*AQ30\*EXP(-0,5\*AQ30^2)-  
=AR8-AR10\*AR29  
=-AR30+AR8

=AR19\*AQ35\*EXP(-0,5\*AQ35^2)-  
=AR8-AR10\*AR34  
=-AR35+AR8

=MAKC(AR5:AR7)

=AR3\*AR7\*2

=10-AP50

=10-AQ50

=10-AR50

=AP19\*AO54\*EXP(-0,5\*AO54^2)- =AQ19\*AP54\*EXP(-0,5\*AP54^2)+ =AR19\*AQ54\*EXP(-0,5\*AQ54^2)-  
=AP50-AP10\*AP53                      =AQ50-AQ10\*AQ53                      =AR50-AR10\*AR53

=AP19\*AO57\*EXP(-0,5\*AO57^2)- =AQ19\*AP57\*EXP(-0,5\*AP57^2)+ =AR19\*AQ57\*EXP(-0,5\*AQ57^2)-  
=AP51-AP10\*AP56                      =AQ51-AQ10\*AQ56                      =AR51-AR10\*AR56

43

0,025  
0,05  
0,1  
1  
10  
=AS9-1

=1-(1/AS5)\*(1-2,7^-AS5)  
=(1/AS5)\*(1-2,7^-AS5)-2,7^-AS5  
=-2,7^-AS5  
=1-(1/AS6)\*(1-2,7^-AS6)  
=(1/AS6)\*(1-2,7^-AS6)-2,7^-AS6  
=-2,7^-AS6  
=1-(1/AS7)\*(1-2,7^-AS7)  
=(1/AS7)\*(1-2,7^-AS7)-2,7^-AS7  
=-EXP(-AS7)

=AS13\*AR25\*EXP(-0,5\*AR25^2)+  
=-AS25+AS8

=AS16\*AR30\*EXP(-0,5\*AR30^2)+  
=AS8-AS10\*AS29  
=-AS30+AS8

=AS19\*AR35\*EXP(-0,5\*AR35^2)+  
=AS8-AS10\*AS34  
=-AS35+AS8

=MAKC(AS5:AS7)

=AS3\*AS7\*2

44

0,025  
0,05  
0,1  
1  
10  
=AT9-1

=1-(1/AT5)\*(1-2,7^-AT5)  
=(1/AT5)\*(1-2,7^-AT5)-2,7^-AT5  
=-2,7^-AT5  
=1-(1/AT6)\*(1-2,7^-AT6)  
=(1/AT6)\*(1-2,7^-AT6)-2,7^-AT6  
=-2,7^-AT6  
=1-(1/AT7)\*(1-2,7^-AT7)  
=(1/AT7)\*(1-2,7^-AT7)-2,7^-AT7  
=-EXP(-AT7)

=AT13\*AS25\*EXP(-0,5\*AS25^2)+  
=-AT25+AT8

=AT16\*AS30\*EXP(-0,5\*AS30^2)+  
=AT8-AT10\*AT29  
=-AT30+AT8

=AT19\*AS35\*EXP(-0,5\*AS35^2)+  
=AT8-AT10\*AT34  
=-AT35+AT8

=MAKC(AT5:AT7)

=AT3\*AT7\*2

45

0,025  
0,05  
0,1  
1  
10  
=AU9-1

=1-(1/AU5)\*(1-2,7^-AU5)  
=(1/AU5)\*(1-2,7^-AU5)-2,7^-AU5  
=-2,7^-AU5  
=1-(1/AU6)\*(1-2,7^-AU6)  
=(1/AU6)\*(1-2,7^-AU6)-2,7^-AU6  
=-2,7^-AU6  
=1-(1/AU7)\*(1-2,7^-AU7)  
=(1/AU7)\*(1-2,7^-AU7)-2,7^-AU7  
=-EXP(-AU7)

=AU13\*AT25\*EXP(-0,5\*AT25^2)+  
=-AU25+AU8

=AU16\*AT30\*EXP(-0,5\*AT30^2)+  
=AU8-AU10\*AU29  
=-AU30+AU8

=AU19\*AT35\*EXP(-0,5\*AT35^2)+  
=AU8-AU10\*AU34  
=-AU35+AU8

=MAKC(AU5:AU7)

=AU3\*AU7\*2

=10-AS50

=10-AT50

=10-AU50

=AS19\*AR54\*EXP(-0,5\*AR54^2)+=AT19\*AS54\*EXP(-0,5\*AS54^2)+=AU19\*AT54\*EXP(-0,5\*AT54^2)+  
=AS50-AS10\*AS53 =AT50-AT10\*AT53 =AU50-AU10\*AU53

=AS19\*AR57\*EXP(-0,5\*AR57^2)+=AT19\*AS57\*EXP(-0,5\*AS57^2)+=AU19\*AT57\*EXP(-0,5\*AT57^2)+  
=AS51-AS10\*AS56 =AT51-AT10\*AT56 =AU51-AU10\*AU56



46

0,025

0,05

0,1

1

10

=AV9-1

=AV8\*(AV9^(-1))\*AV10\*(1-2,7^(-AV

=1-(1/AV5)\*(1-2,7^-AV5)

=(1/AV5)\*(1-2,7^-AV5)-2,7^-AV5

=- (2,7^-AV5)

=1-(1/AV6)\*(1-2,7^-AV6)

=(1/AV6)\*(1-2,7^-AV6)-2,7^-AV6

=- (2,7^-AV6)

=1-(1/AV7)\*(1-2,7^-AV7)

=(1/AV7)\*(1-2,7^-AV7)-2,7^-AV7

=-EXP(-AV7)

47

0,025

0,05

0,1

1

10

=AW9-1

=AW8\*(AW9^(-1))\*AW10\*(1-2,7^(-

=1-(1/AW5)\*(1-2,7^-AW5)

=(1/AW5)\*(1-2,7^-AW5)-2,7^-AW

=- (2,7^-AW5)

=1-(1/AW6)\*(1-2,7^-AW6)

=(1/AW6)\*(1-2,7^-AW6)-2,7^-AW

=- (2,7^-AW6)

=1-(1/AW7)\*(1-2,7^-AW7)

=(1/AW7)\*(1-2,7^-AW7)-2,7^-AW

=-EXP(-AW7)

48

0,025

0,05

0,1

1

10

=AX9-1

=AX8\*(AX9^(-1))\*AX10\*(1-2,7^(-AX

=1-(1/AX5)\*(1-2,7^-AX5)

=(1/AX5)\*(1-2,7^-AX5)-2,7^-AX5

=- (2,7^-AX5)

=1-(1/AX6)\*(1-2,7^-AX6)

=(1/AX6)\*(1-2,7^-AX6)-2,7^-AX6

=- (2,7^-AX6)

=1-(1/AX7)\*(1-2,7^-AX7)

=(1/AX7)\*(1-2,7^-AX7)-2,7^-AX7

=-EXP(-AX7)

=AV13\*AU25\*EXP(-0,5\*AU25^2)+

=-AV25+AV8

=-AW25+AW8

=-AX25+AX8

=AV16\*AU30\*EXP(-0,5\*AU30^2)+

=AV8-AV10\*AV29

=-AV30+AV8

=AW16\*AV30\*EXP(-0,5\*AV30^2)

=AW8-AW10\*AW29

=-AW30+AW8

=AX16\*AW30\*EXP(-0,5\*AW30^2)

=AX8-AX10\*AX29

=-AX30+AX8

=AV19\*AU35\*EXP(-0,5\*AU35^2)+

=AV8-AV10\*AV34

=-AV35+AV8

=AW19\*AV35\*EXP(-0,5\*AV35^2)

=AW8-AW10\*AW34

=-AW35+AW8

=AX19\*AW35\*EXP(-0,5\*AW35^2)

=AX8-AX10\*AX34

=-AX35+AX8

=MAKC(AV5:AV7)

=MAKC(AW5:AW7)

=MAKC(AX5:AX7)

=AV3\*AV7\*2

=AW3\*AW7\*2

=AX3\*AX7\*2

=10-AV50

=10-AW50

=10-AX50

=AV19\*AU54\*EXP(-0,5\*AU54^2)+=AW19\*AV54\*EXP(-0,5\*AV54^2)·=AX19\*AW54\*EXP(-0,5\*AW54^2)  
=AV50-AV10\*AV53 =AW50-AW10\*AW53 =AX50-AX10\*AX53

=AV19\*AU57\*EXP(-0,5\*AU57^2)+=AW19\*AV57\*EXP(-0,5\*AV57^2)·=AX19\*AW57\*EXP(-0,5\*AW57^2)  
=AV51-AV10\*AV56 =AW51-AW10\*AW56 =AX51-AX10\*AX56

49

50

0,025

0,025

0,05

0,05

0,1

0,1

1

1

1

10

10

10

=AY9-1

=AZ9-1

=AY8\*(AY9^(-1))\*AY10\*(1-2,7^(-AY

=AZ8\*(AZ9^(-1))\*AZ10\*(1-2,7^(-AZ

=1-(1/AY5)\*(1-2,7^-AY5)

=1-(1/AZ5)\*(1-2,7^-AZ5)

=(1/AY5)\*(1-2,7^-AY5)-2,7^-AY5

=(1/AZ5)\*(1-2,7^-AZ5)-2,7^-AZ5

=(2,7^-AY5)

=(2,7^-AZ5)

=1-(1/AY6)\*(1-2,7^-AY6)

=1-(1/AZ6)\*(1-2,7^-AZ6)

=(1/AY6)\*(1-2,7^-AY6)-2,7^-AY6

=(1/AZ6)\*(1-2,7^-AZ6)-2,7^-AZ6

=(2,7^-AY6)

=(2,7^-AZ6)

=1-(1/AY7)\*(1-2,7^-AY7)

=1-(1/AZ7)\*(1-2,7^-AZ7)

=(1/AY7)\*(1-2,7^-AY7)-2,7^-AY7

=(1/AZ7)\*(1-2,7^-AZ7)-2,7^-AZ7

=-EXP(-AY7)

=-EXP(-AZ7)

=AY13\*AX25\*EXP(-0,5\*AX25^2)+

=AZ13\*AY25\*EXP(-0,5\*AY25^2)+

=-AY25+AY8

=-AZ25+AZ8

=AY16\*AX30\*EXP(-0,5\*AX30^2)+

=AZ16\*AY30\*EXP(-0,5\*AY30^2)+

=AY8-AY10\*AY29

=AZ8-AZ10\*AZ29

=-AY30+AY8

=-AZ30+AZ8

=AY19\*AX35\*EXP(-0,5\*AX35^2)+

=AZ19\*AY35\*EXP(-0,5\*AY35^2)+

=AY8-AY10\*AY34

=AZ8-AZ10\*AZ34

=-AY35+AY8

=-AZ35+AZ8

=MAKC(AY5:AY7)

=MAKC(AZ5:AZ7)

=AY3\*AY7\*2

=AZ3\*AZ7\*2

=10-AY50

=10-AZ50

=AY19\*AX54\*EXP(-0,5\*AX54^2)+ =AZ19\*AY54\*EXP(-0,5\*AY54^2)+  
=AY50-AY10\*AY53 =AZ50-AZ10\*AZ53

=AY19\*AX57\*EXP(-0,5\*AX57^2)+ =AZ19\*AY57\*EXP(-0,5\*AY57^2)+  
=AY51-AY10\*AY56 =AZ51-AZ10\*AZ56