

Agenda

- nochmals Finanzpläne
mit Endwertermi-
nung
- Systemwert-
diff - Methode

Netzwerkanalyse

qualitative Größen

(vornehmlich subjektiv)

Notizen

P-q-Formel

$$1x^2 + px + q = 0$$

$$x_{1,2} = -\frac{p}{2} \pm \sqrt{\left(\frac{p}{2}\right)^2 - q}$$

Notizen

a - b - c - Formel

$$ax^2 + bx + c = 0$$

$$-b \pm \sqrt{b^2 - 4ac}$$

$$x_{1,2} =$$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

Notizen

$$z_{1,2} =$$

$$\frac{-25000 \pm \sqrt{25000^2 - 4 \cdot (-48200) \cdot 30000}}{2 \cdot (-48200)}$$

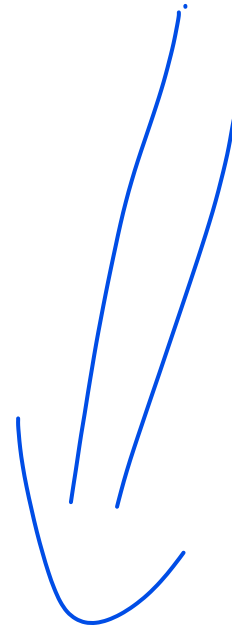
$$z_1 = -0,57 < 0 \text{ irrelevant}$$

$$z_2 = 1,0898 = \underline{\underline{8,98\%}}$$

Notizen

8,98% > 8%

Im beschriebenen Markt fallen



Notizen

p-q-Formel

$$-48200z^2 + 25000z + 30000 = 0$$

$$/ : (-48200)$$

$$z^2 - \frac{25000}{48200}z = -\frac{30000}{48200}$$

z^2 z^2 p q

$$z^2 - \frac{30000}{48200}z = 0$$

z^2 p q

$$= 0$$

$$= 0$$

Notizen

$$p = \frac{-25000}{48200}$$
$$p = \frac{-30000}{48200}$$

$$x_{1,2} = \frac{-25000}{48200}$$

$$x_{1,2} = \frac{-25000}{48200} \pm \frac{30000}{48200}$$

$$x_{1,2} = -\frac{p}{2} \pm \sqrt{\left(\frac{p}{2}\right)^2 - q}$$

$$\left(\frac{-25000}{48200} \right)^2 \pm \frac{30000}{48200}$$

Notizen

$$1,0898 \Rightarrow 8,98\%$$

$$0,2593 \pm \sqrt{0,0673 + 0,6224}$$

$$0,2593 \pm 0,8305 = \underline{\underline{1,0898}}$$

- 0,57.12
Anforder

Notizen

P

$$P = (9 - 1) \cdot 100$$

$$P = (1,0898 - 1) \cdot 100$$

Notizen

$$x_{1,2} =$$

$$\frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$$

$$\boxed{-48200} x^2 \quad \boxed{+25000} x \quad \boxed{+3000} = 0$$

$=$ $=$ $=$

a b c

$$a = -48200 \quad b = 25000 \quad c = 3000$$

Notizen

$$x_{1/2} = \frac{-25000 \pm \sqrt{25000^2 - 4 \cdot (-48200) \cdot 30000}}{2 \cdot (-48200)}$$

$$= \frac{-25000 \pm \sqrt{25000^2 + 4 \cdot 48200 \cdot 30000}}{2 \cdot (-48200)}$$

Notizen

$$- 25000 \pm \sqrt{6,409.000.000}$$

$$2 \cdot (-48200)$$

Casio 991 max € 20,-

mitte 2007 ammerber

Notizen

Formel angeben

$\frac{\square}{\square}$ mit ...

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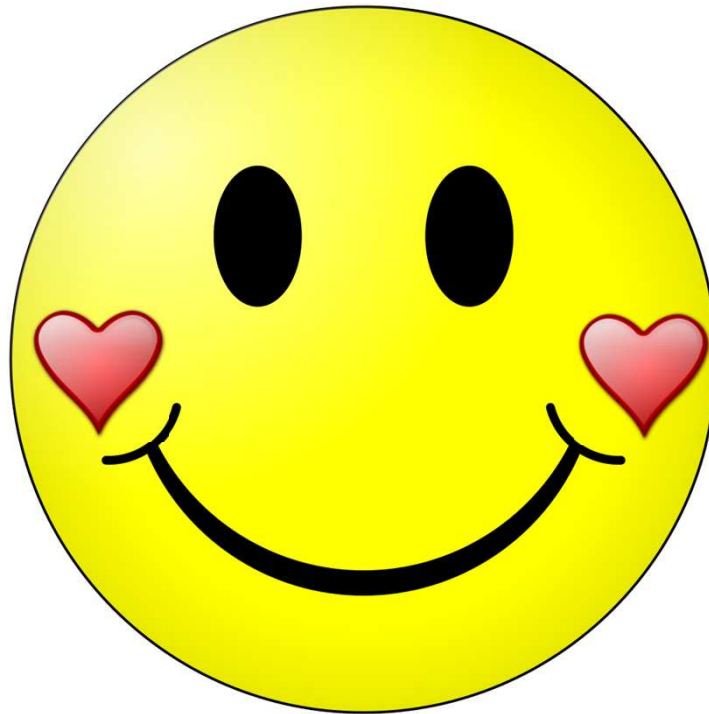
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Einen schönen Tag ...