

$$\frac{dH}{d\lambda} = \frac{\beta_H}{N}(N-C-H)H - (\delta_H + \alpha_H)H \quad (1)$$

$$\frac{dC}{d\lambda} = \frac{\beta_C}{N}(N-C-H)C - (\delta_C + \alpha_C)C \quad (2)$$

$$(1) \quad \frac{\beta_H}{N}(N-C-H)H - (\delta_H + \alpha_H)H = 0$$

$$H=0 \vee \frac{\beta_H}{N}(N-C-H) - (\delta_H + \alpha_H) = 0$$

$$\frac{\beta_H}{N}(N-C-H) = (\delta_H + \alpha_H) \quad | \cdot \frac{N}{\beta_H}$$

$$N-C-H = \frac{N(\delta_H + \alpha_H)}{\beta_H}$$

$$-H = \frac{N(\delta_H + \alpha_H)}{\beta_H} - N + C$$

$$H = -\frac{N(\delta_H + \alpha_H)}{\beta_H} + N - C$$

$$(2) \quad \frac{\beta_C}{N}(N-C-H)C - (\delta_C + \alpha_C)C = 0$$

$$C=0 \vee \frac{\beta_C}{N}(N-C-H) - (\delta_C + \alpha_C) = 0$$

$$\frac{\beta_C}{N}(N-C-H) = (\delta_C + \alpha_C) \quad | \cdot \frac{N}{\beta_C}$$

$$N-C-H = \frac{N(\delta_C + \alpha_C)}{\beta_C}$$

$$-C = \frac{N(\delta_C + \alpha_C)}{\beta_C} - N + H$$

$$C = -\frac{N(\delta_C + \alpha_C)}{\beta_C} + N - H$$

pointy wytyczne

(0,0)

$(N - \frac{N(\delta_C + \alpha_C)}{\beta_C}, 0)$

$(0, N - \frac{N(\delta_H + \alpha_H)}{\beta_H})$