

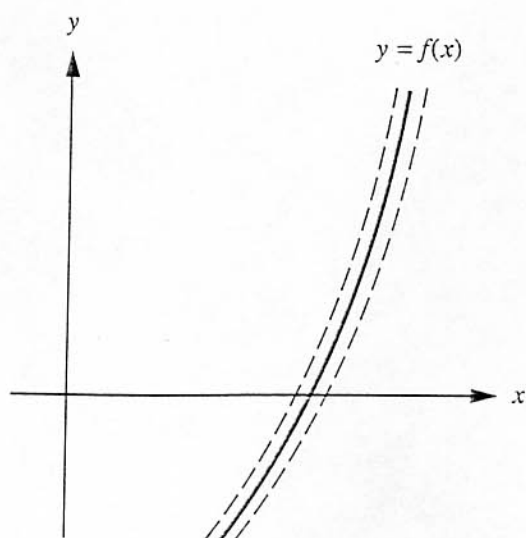
Pierwiastki wielokrotne

$$f(x) = (x - \alpha)^m f^*(x)$$

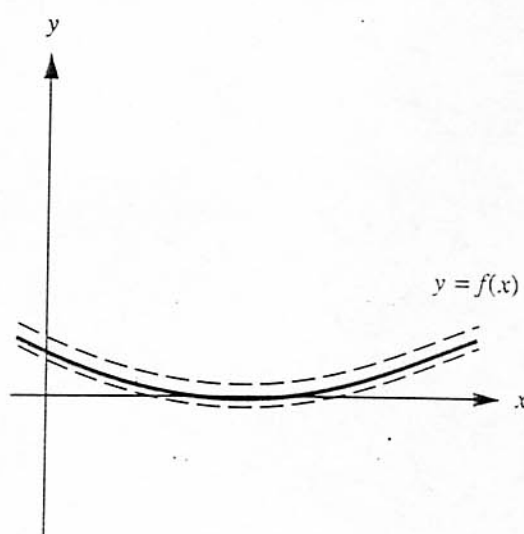
lub

$$f(\alpha) = f'(\alpha) = \dots = f^{(m-1)}(\alpha) = 0$$

$$f^{(m)}(\alpha) \neq 0$$



pierwiastek pojedynczy



dwukrotny

Estymacja m

$$\lambda = \frac{m-1}{m}, \quad m \geq 1$$

$$\lambda_n = \frac{x_n - x_{n-1}}{x_{n-1} - x_{n-2}}$$