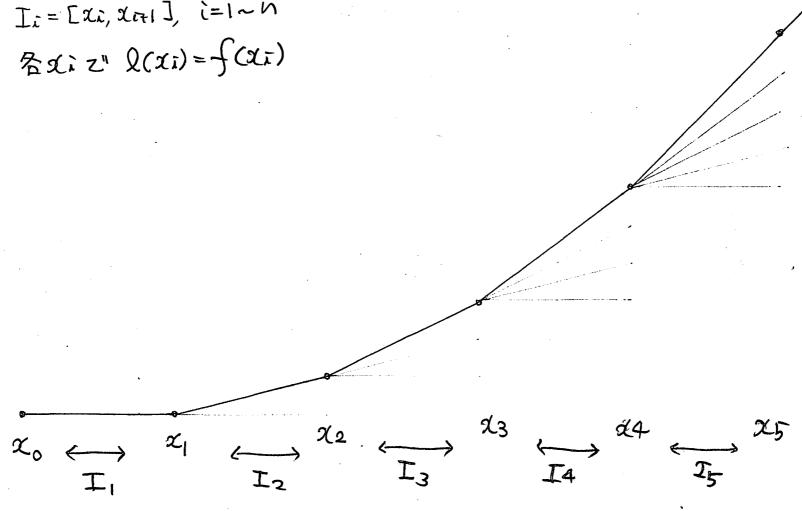
y=f(x) の折れ線グラフ(近似) l(x)

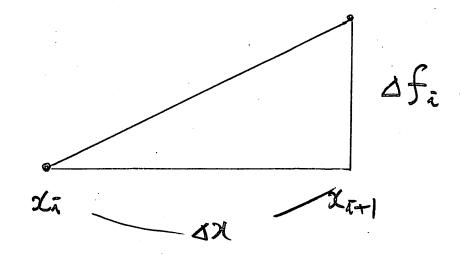
$$I_i = [x_i, x_{i+1}], i=1 \sim N$$



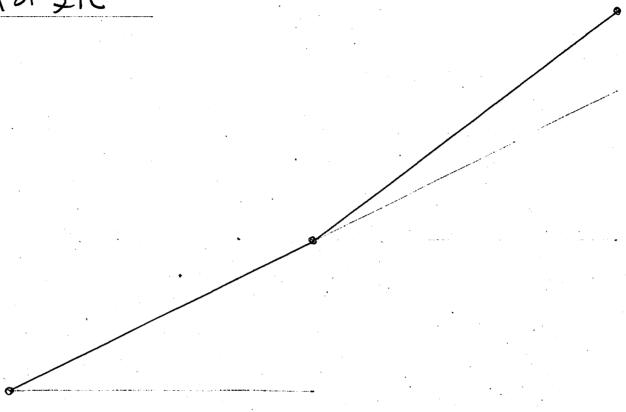
一区間の変化

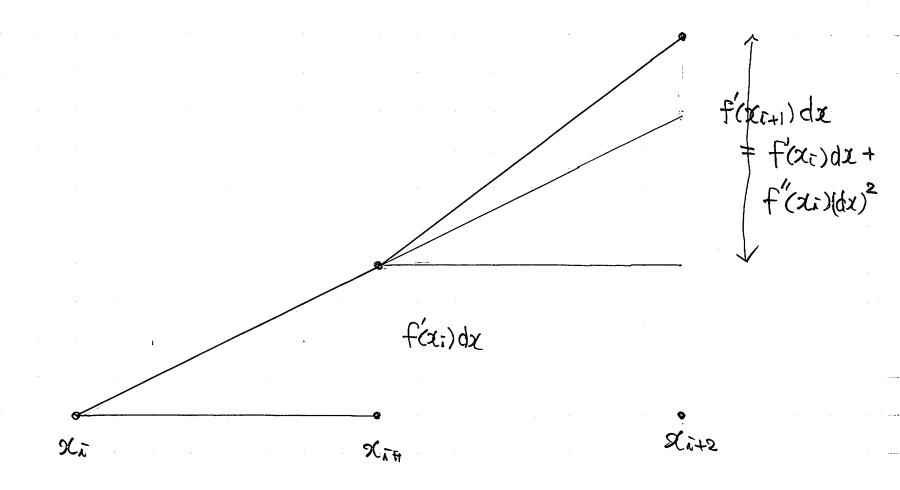
$$\Delta f_i = f(\alpha_{i+1}) - f(\alpha_i)$$
 微差

$$\frac{\Delta f_i}{\Delta x} \simeq f(x_i) \rightarrow \Delta f_i \cdot \Delta x_i \simeq f(x_i) dx$$

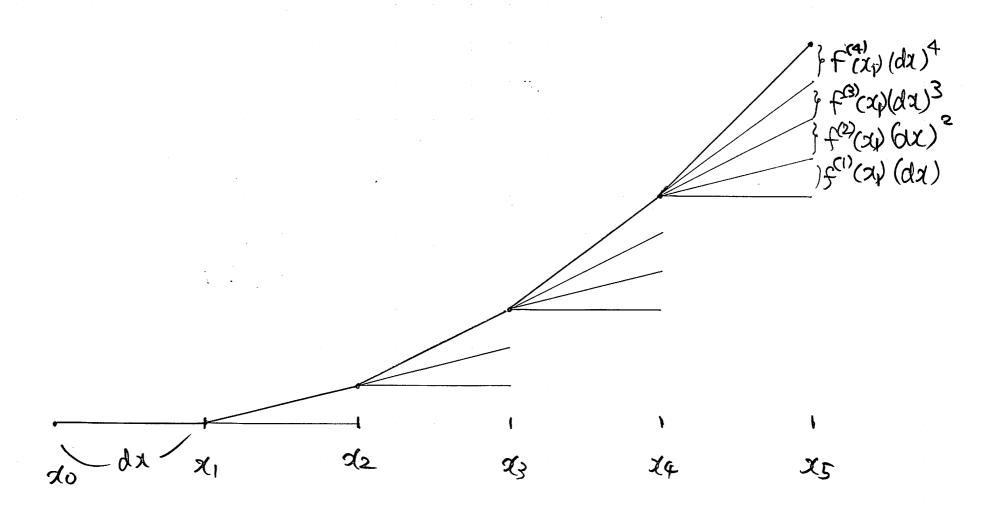


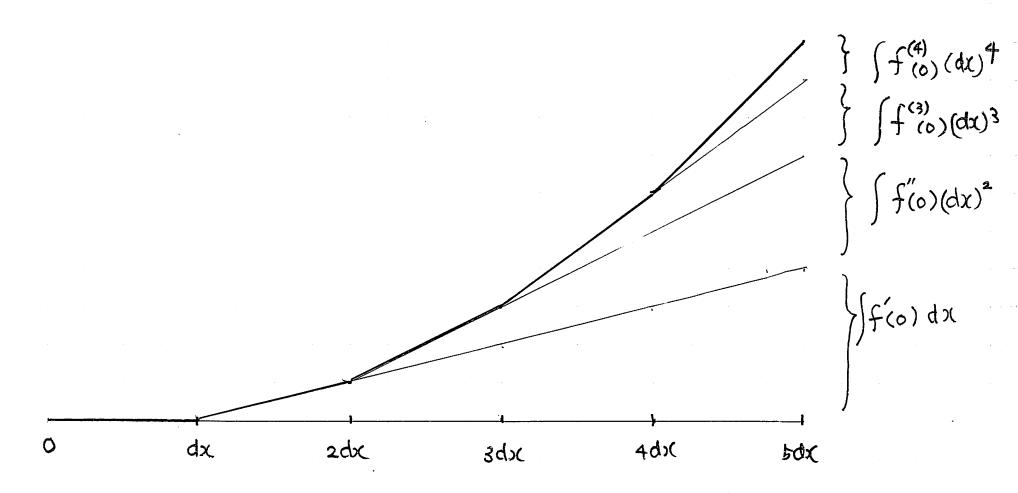
二団画の変化

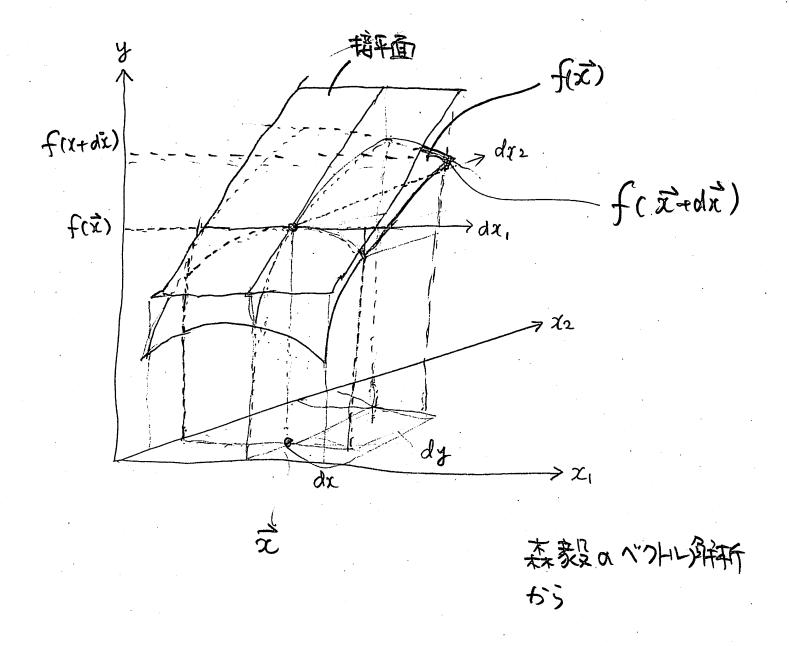


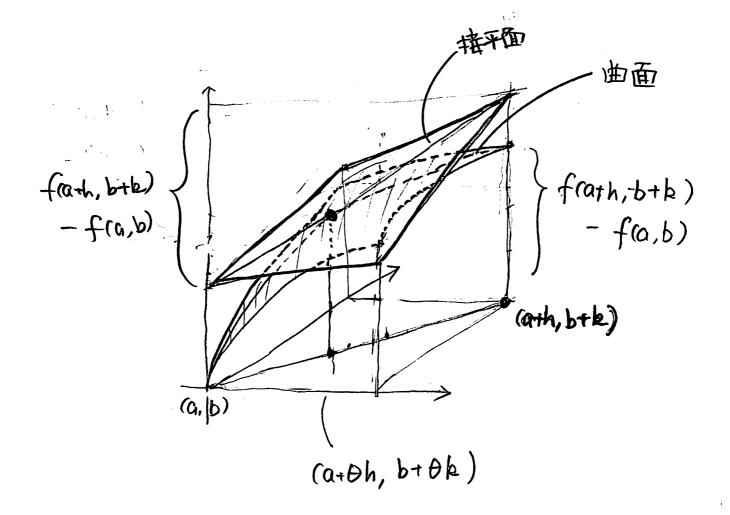


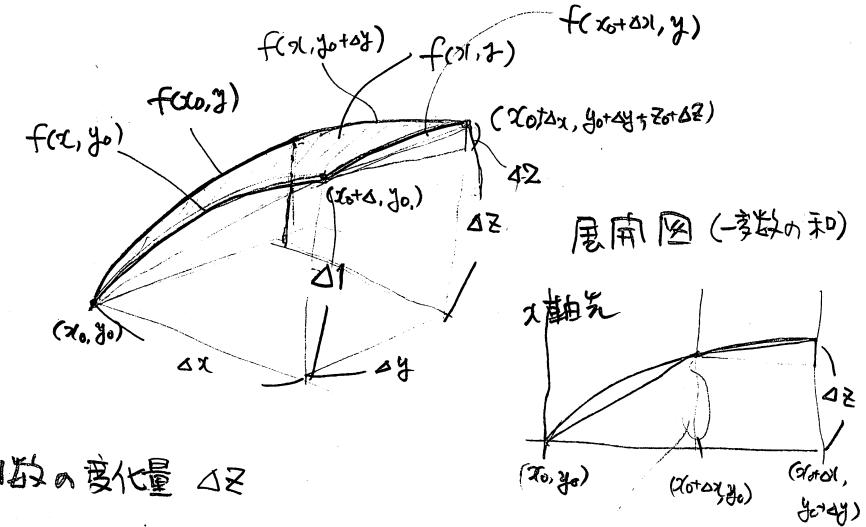
4区画での変化





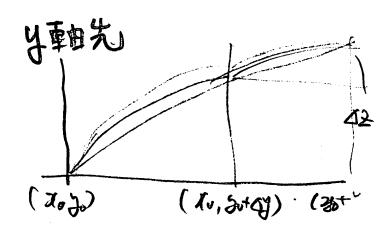


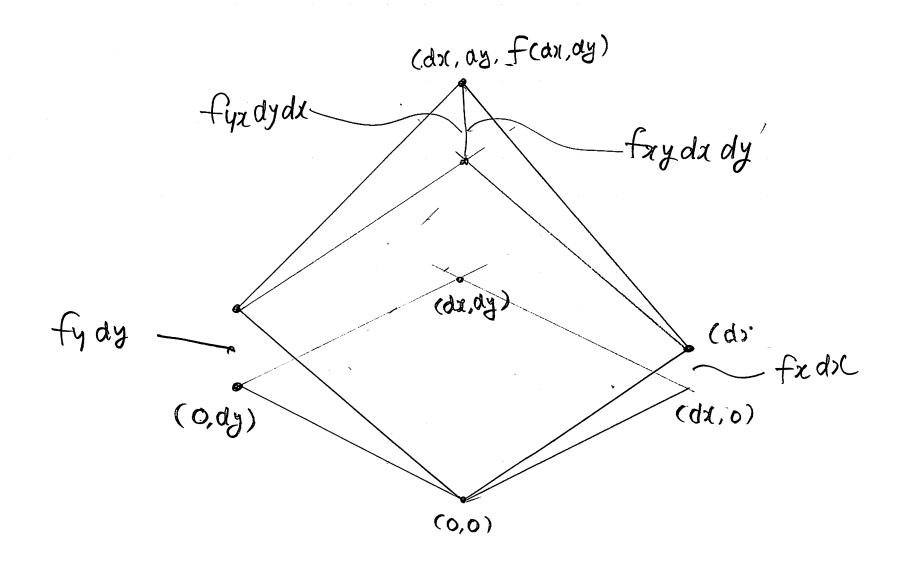




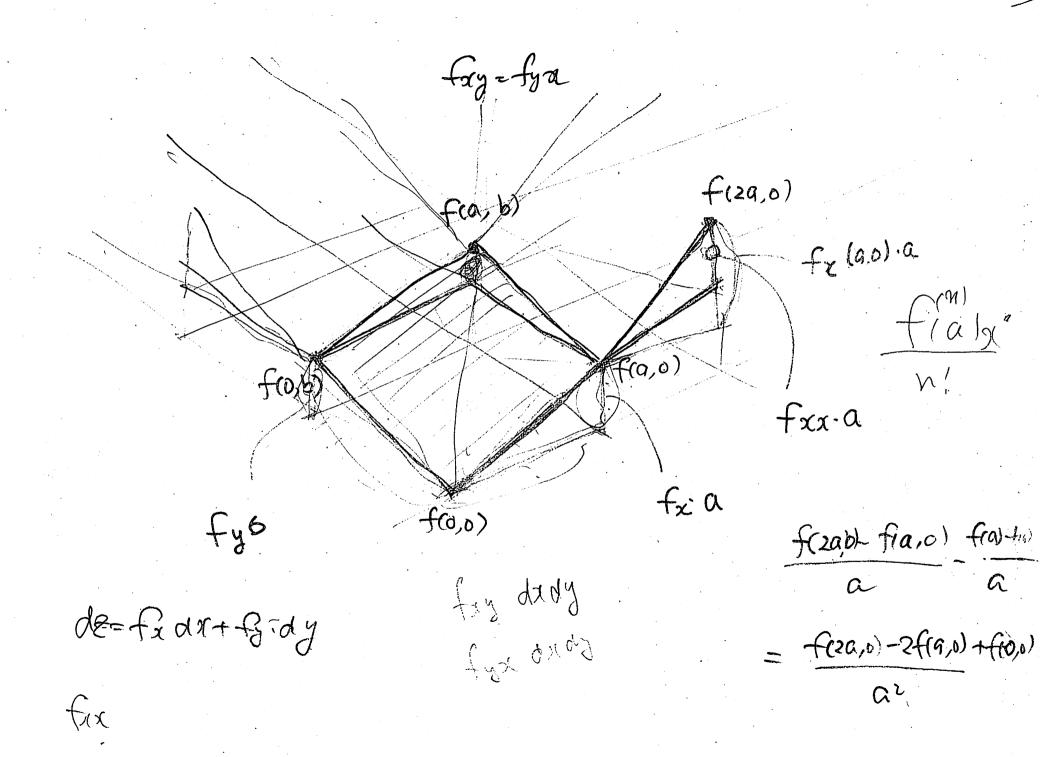
2多数割数《变化量 △2

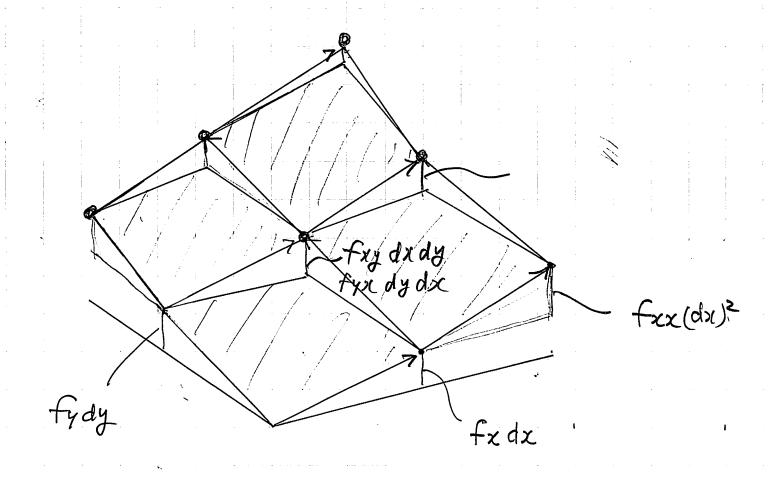
Dim ロマ= dを(全術分) <y>>0 全成为的变化量。合計





÷





$$d(d(z)) = \int_{xx} (dx)^2 + 2 \int_{xy} (dx)(dy)^2 + \int_{yy} (dy)^2 dy$$