

$$f(x+h) + f(x-h) = 2f(x) + h^2 f''(x) + \frac{h^4}{12} f^{(4)}(x) + \cdots$$

$$f(x+h) - f(x-h) = 2hf'(x) + \frac{h^3}{3} f'''(x) + \cdots$$

$$f(x+2h) + f(x-2h) = 2f(x) + 4h^2 f''(x) + \frac{4h^4}{3} f^{(4)}(x) + \cdots$$

$$f(x+2h) - f(x-2h) = 4hf'(x) + \frac{8h^3}{3} f'''(x) + \cdots$$