$$DuFortFrank := \frac{h\cdot(f(t+k,x)-f(t-k,x))}{2} - b\cdot\mathrm{lambda}\cdot(f(t,x+h)-(f(t+k,x)+f(t-k,x))+f(t,x-h)) - \mathrm{psi}(t,x)\cdot k\cdot h$$

$$DuFortFrank := \frac{h\,(f(t+k,x)-f(t-k,x))}{2} - b\,\lambda\,(f(t,x+h)-f(t+k,x)-f(t-k,x)+f(t,x-h)) - \psi(t,x)\,k\,h \tag{1}$$

$$mtaylor(DuFortFrank,\,[k,h],3)$$

$$b\,\lambda\,D_{1,1}(f)\,(t,x)\,k^2 - \left(\psi(t,x) - D_1(f)\,(t,x)\right)h\,k - b\,\lambda\,D_{2,2}(f)\,(t,x)\,h^2 \tag{2}$$