5.5 
$$(\lambda f)'(x) = \lim_{h \to 0} \frac{(\lambda f)(x+h) - (\lambda f)(x)}{h} = \lim_{h \to 0} \frac{\lambda f(x+h) - \lambda f(x)}{h}$$
$$= \lim_{h \to 0} \frac{\lambda (f(x+h) - f(x))}{h} = \lambda \lim_{h \to 0} \frac{f(x+h) - f(x)}{h} = \lambda f'(x)$$

Analyse : dérivées Corrigé 5.5