

$$\lim_{h \rightarrow 0} \frac{f(x+h) - f(x)}{h}$$

1 Section

1.1 SubSection

Algorithm 2 An algorithm with caption

while $N \neq 0$ **do**
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
$$N \leftarrow N - 1$$
end while