

$$f = \begin{cases} True, & X \neq 0 \\ False, & otherwise \end{cases} \quad (4)$$

$$f = \begin{cases} True, & X \neq 0 \\ False, & otherwise \end{cases} \quad (5)$$

Algorithm 2 An algorithm with caption

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