procedure $(1+1)$ EA($f : \mathbb{X} \mapsto \mathbb{R}$)

    randomly sample x_c from $\mathbb{X}$; $y_c \leftarrow f(x_c)$;

    while $\neg$ terminate **do**

        $x_n \leftarrow \text{move}(x_c)$; $y_n \leftarrow f(x_n)$;

        if $\textcolor{red}{y_n \leq y_c}$ **then** $x_c \leftarrow x_n$; $y_c \leftarrow y_n$;

    return x_c, y_c