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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  $y_n \leq y_c$  then  $x_c \leftarrow x_n$ ;
```