

function LARGEST EVEN($\rho_1, \rho_2, \dots, \rho_\epsilon$: list of integers)

$\phi \leftarrow \text{null}$

for $\iota = 1, \epsilon$ **do**

if $\neg[\rho_\iota \langle \text{mod } 2 \rangle]$ **then**

if $\langle \phi = \text{null} \rangle \vee \langle \rho_\iota > \rho_\phi \rangle$ **then**

$\phi \leftarrow \iota$

return ϕ

▷ returns null if every integer is odd