

function POWER(λ : integer; β : real number)

$\epsilon \leftarrow |\lambda|$

$\rho \leftarrow 1$

while $\epsilon > 0$ **do**

▷ multiply β by itself $|\lambda|$ times

$\rho \leftarrow \rho \times \beta$

$\epsilon -= 1$

if $\lambda < 0$ **then**

▷ λ is negative so get the inverse

$\rho \leftarrow \frac{1}{\rho}$

return ρ