

3 1 1 2 4

23. 6045

Diagram illustrating the recursive process for calculating the Fibonacci sequence:

- Inputs: x_0, x_1, x_2, x_3
- Intermediate steps:
 - $f[x_0]$ and $f[x_1]$ lead to $f[x_0, x_1]$
 - $f[x_2]$ and $f[x_1]$ lead to $f[x_0, x_1, x_2]$
 - $f[x_3]$ and $f[x_2]$ lead to $f[x_1, x_2, x_3]$
- Final result: $f[x_0, x_1, x_2, x_3]$

