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 $\frac{1}{T(n)} = \begin{cases}
1 & n=1 \text{ or } n=2 \\
2T(n-2)+T(n-1)+1 & n>2
\end{cases}$ 

3T(1) = 2A - B - 2 = 1 T(2) = 4A + B - 2 = 1

别 T(n)= = = (2) == = (-1) == =

 $(c) = (2)^n - (-1)^n - 1$ 

(b) = O(n)

 $(\alpha) = \theta(2')$ 



