



## Miscellaneous - Part II

Complete Course on Algorithms - GATE

Dynamiz Programmy Applications of DP 1) Fibinocci Seriel 2) Longet Common Sussenguel(L(5) (3) Matoix chain multipli-2.00 (m210)

(4) 0/1 knapsack

(5) All pains shalest parts

(6) Sum (6) Of (7) Fibinocci Series

(U+1(n)=T( 15 \$ f(n)

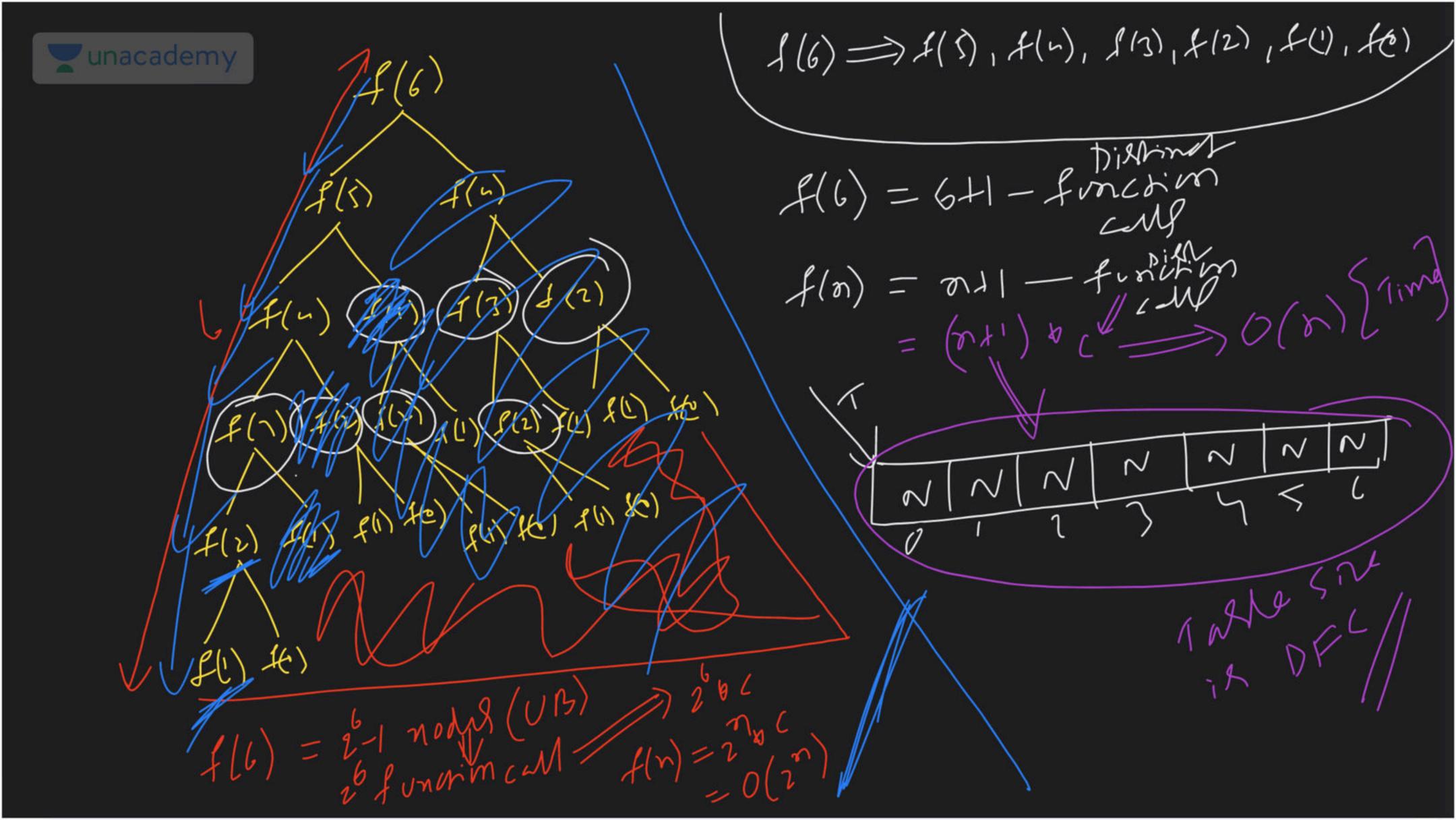
$$T(n) = \begin{cases} 2 & 3 = 0 \text{ (n) } n = 1 \\ T(n-1) + T(n-2) + 2 & 3 = 1 \end{cases}$$

$$f(n) = -0 | | n = -1$$

$$eW$$

$$f(n) = -1$$

$$f(n) =$$



ひ(カニニのニカニニ return (a) りょ(15か-1]==ル) (2)][n:1]= DP-f(n-1) (3) B (-15m-23-= N) (DI [20-2]- DD-f(20-5) (5) T( 8) = T( 8)-2 ] + T(8)-2]