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3	The Full FFT by Recursion
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9	T TD TE Took ous ]
<b>2</b>	F D F pick 0,4,8
(5)	TD E nick 159
<b>©</b>	F512 T-D E 011 37.11
(0)	We can furter recurse:  I D TF Tpick 0,4,8  FS12 T-D F Pick 1,5,0  FS12 T-D F Pick 3,7,11  The total amount of competitions for size n=2 is reduced from n to \( \frac{1}{2} \text{ n.t.} \).
<b>©</b>	There are I levels going down from n=2 to n=1. Each level has 1/2 multiplication
40	From the disyrul 1)'S to neassemble the half-size outputs from the lover level.
0	This gives our fired count - hlogen
0	· A rule for the order the c's ever the FFT after all the even-odd permuttions.
0	horte the numbers O. to me in base 2. Reverse the digits. The complete picture shows
9	the Int-reversed order at the start, the l=logen steps of the recursion, and
40	the final orlyit 40 m. yn-1 which is Forting (
49	The book ends with that fundamental idea, a matrix multiplying a vector. :)
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-9	Hamplu, August 4th 2024, 4:25pm
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