

Let's Face The Music And Dance

$$1 = C$$

Irving Berlin

Diagram illustrating the evolution of the number of nodes in a tree structure across four stages:

- Stage 1: 1 node
- Stage 2: 2 nodes
- Stage 3: 5 nodes
- Stage 4: 10 nodes

Diagram illustrating a sequence of horizontal bars (representing intervals or segments) across a timeline. The bars are labeled with mathematical expressions:

- 1^4
- $b3^-$
- 2^{07}
- $5^{7alt\#5}$
- 1^-
- 1
- 2
- $b3$
- $b6$
- 5
- $b3$

The diagram illustrates the construction of a 7-adic expansion for the number 2. The number line is divided into segments by vertical lines labeled $2^7/6$, 2^{-7} , 5^7 , and $5^7/4$. The segments are labeled with integers: 2, 6, 1, 6, 7, 5, 6, 3, 3, 3. The segments are colored in alternating light blue and light yellow.

3^{-7}	6^7	2^{-7}	7^9

1^4	7^{-7}	3^7	

6^{47}	3^7	6^{47}	3^7

			<i>D.C. al Coda</i>
6^{47}	3^7	5^7	$5^{7alt\#5}$

7^9	6^{-7}	$6^{7alt\flat5}$	$2_{/5}^{-9}$

2^{-7}	$5^{sus4add7}$	1^4	3^{-}