Solutions

In the wind die of the string,
$$i=0,1,...2^{N-1}$$

In the wind die of the string, $i=2^{N-1}$

IN L max = $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N}$
 $V_{ref} 2^{-N-1}$
 $V_{ref} 2^$

Solutions

2

Adding, e.g.,

$$|V \circ \phi_1| = \frac{1}{2^{-2}} b_2$$
 $|V \circ \phi_2| = \frac{9}{2^{-2}} b_2$
 $|V \circ \phi_2| = \frac$

Major Casy DNL max. let 10000... = 0111..., if $C_{MSS} = (1 + Y_{MAX}) 2^{-1}$, and all others be come $(1 - Y_{MAX}) 2^{-1}$, then $DNL_{MAX} = Y_{MAX} \sum_{i=1}^{2} 2^{-i} = F_{MAX} (1 - 2^{-i})$ (V) $1155 = 2^{-9} V$, so $DNL_{MAX} = 2^{-9} V_{NSO}$ $DNL_{MAX} = 2^{-9} V_{MAX} (15B) = 0.5 (155)$ So $V_{MAX} = 2^{-10} \approx 0.9766 \times 10^{-3} \sim 0.19$

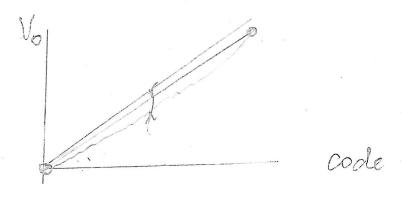
For 10-bit case, rmax $\sim 2^{(-11)} = 0.05\%$.

For absolute INL with ruar, 111...1

INL was = DNL was = 0.5 (LSB) = 0.977 (W)

Endpoint DNL was occurs for 1000...0

INL e 2 ruar = 0.488 eV = 0.25 LSB



INL(max) = 1/2*DNL(max)Since rmax was calculated for DNL(max) = 0.5*LSB, INL(max) = 0.25*LSB regardless of N.