$$(1 << n) + (k'' ^ (k'' >> 1)) =$$

$$1 \quad \overline{k_{n-2}} \quad \overline{k_{n-3}} \quad \overline{k_{n-4}} \quad \cdots \quad \overline{k_0}$$

 $0 \quad 0 \quad \overline{k_{n-2}} \quad \overline{k_{n-3}} \quad \cdots \quad \overline{k_1}$

$$(1k' \land (1k' >> 1)) =$$

$$1 \quad k_{n-2}, \quad k_{n-3}, \quad k_{n-4}, \quad \dots \quad k_0$$

$$0 \quad 1 \quad k_{n-2} \quad k_{n-3} \quad \cdots \quad k_1$$