$$\varepsilon_{1,2,3,4,5} = 2^4 \cdot \left(-\frac{4}{16}\right)^5 = -\frac{1}{64}$$

ROUND 1)

$$V_{1,2} \oplus V_{1,4} = U_{1,2} \qquad BIAS = -\frac{1}{4}$$
$$= P_2 \oplus k_{1,2}$$

$$V_{1,14} \oplus V_{1,16} = U_{1,14}$$
$$= P_{14} \oplus k_{1,14} \qquad BIAS = -\frac{1}{4}$$

ROUND 2)

$$V_{2,5} = U_{2,5} \oplus U_{2,8}$$
$$= (V_{1,2} \oplus K_{2,5}) \oplus (V_{1,14} \oplus K_{2,8}) \qquad BIAS = -\frac{1}{4}$$

$$V_{2,13} = U_{2,13} \oplus U_{2,16}$$
$$= (V_{1,4} \oplus K_{2,13}) \oplus (V_{1,16} \oplus K_{2,16}) \qquad BIAS = -\frac{1}{4}$$

ROUND 3)

$$V_{3,1} \oplus V_{3,3} = U_{3,2} \oplus U_{3,4}$$
$$= (V_{2,5} \oplus K_{3,2}) \oplus (V_{2,13} \oplus K_{3,4}) \qquad BIAS = -\frac{1}{4}$$

$$V_{3,1} \oplus V_{3,3} \oplus V_{2,5} \oplus k_{3,2} \oplus V_{2,13} \oplus K_{3,4} = 0$$

$$V_{3,1} \oplus V_{3,3} \oplus P_2 \oplus P_{14} \oplus k_{1,2} \oplus k_{1,14} \oplus k_{2,5} \oplus k_{2,8} \oplus k_{2,13} \oplus k_{2,16} \oplus k_{3,2} \oplus k_{3,4} = 0$$

$$U_{4,1} \oplus U_{4,9} \oplus P_2 \oplus P_{14} \oplus \Sigma_k = 0$$

$$\Sigma_k = k_{1,2} \oplus k_{1,14} \oplus k_{2,5} \oplus k_{2,8} \oplus k_{2,13} \oplus k_{2,16} \oplus k_{3,2} \oplus k_{3,4} \oplus k_{4,1} \oplus k_{4,9}$$