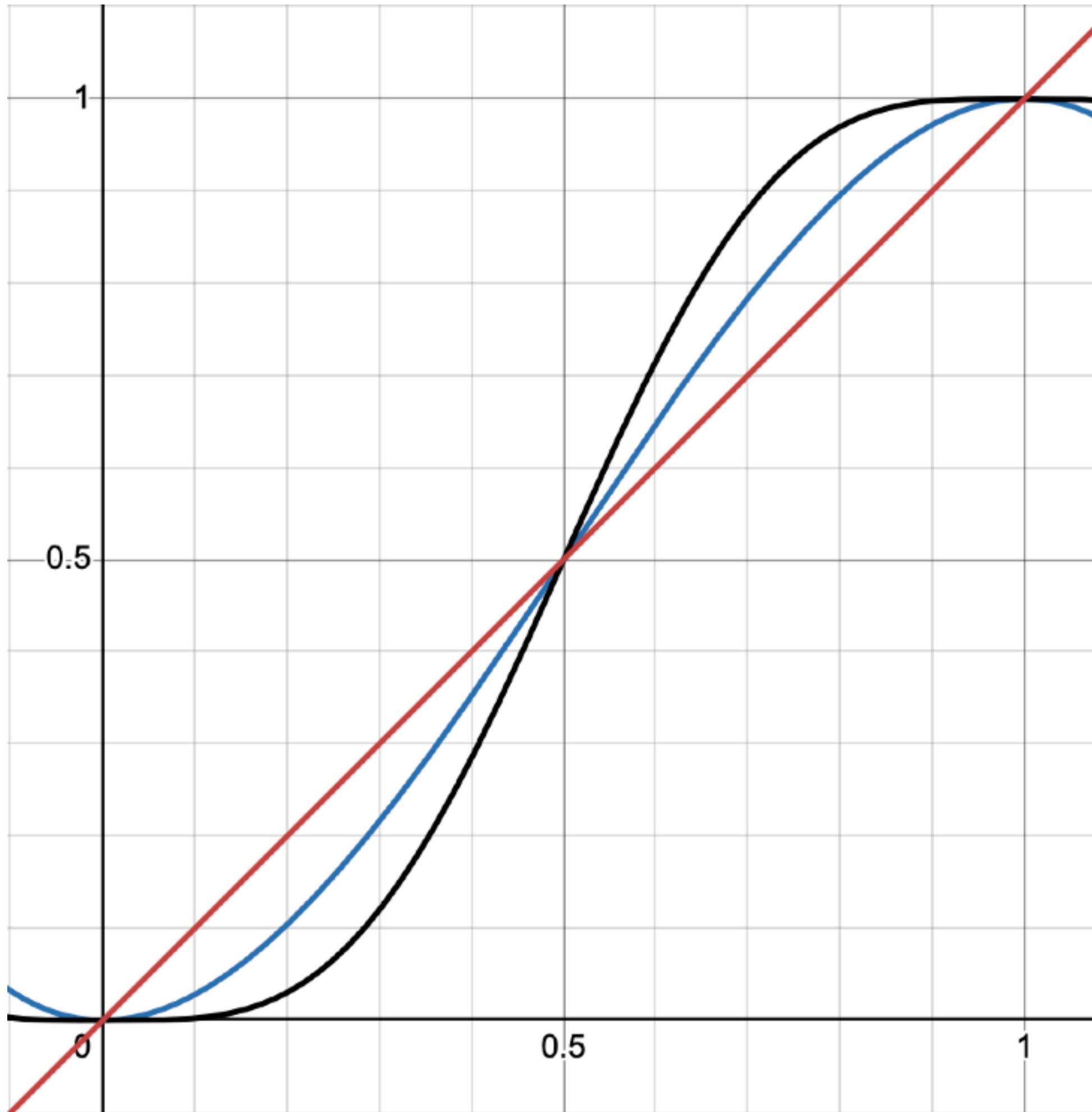


Cleaning error in CKKS

BLEACH: Via polynomial approximation [DMP24]

$$h_1(x) = 3x^2 - 2x^3$$

$$h_1^2(x) = (h_1 \circ h_1)(x)$$



$$x \in [0,1]$$

Cleaning error in CKKS

BLEACH: Via polynomial approximation [DMP24]

$$h_1(x) = 3x^2 - 2x^3$$

$$h_1^2(x) = (h_1 \circ h_1)(x)$$

$$h_1^4(x) = (h_1^2 \circ h_1^2)(x)$$

