

Two functions that can be induced by a single arbiter PUF:

$$f(x_1, x_2) = x_1 \oplus x_2$$

$$f(x_1, x_2) = x_2$$

$$(x_1 \oplus x_2) \oplus x_2 = x_1 \oplus x_2 \oplus x_2 = x_1$$

“Et Voilà!”