



MIT

Shafi Goldwasser

1958 –

Zero-knowledge

Use the correctness of a statement rather than the correctness of a statement.

Other Cryptography

Goldwasser has made many contributions to cryptography, was awarded the Gödel Prize, and has the RSA Professorship.

Gödel Prize 1993, 2001
Turing Award, 2012

A diagram illustrating a zero-knowledge proof process. It features a yellow, irregularly shaped area with a thick black border. Inside this area, there is a large, dark grey, diamond-shaped region. To the left of the yellow area, there are three icons: a person with a green shirt, a person with a blue shirt, and a person with a purple shirt. A speech bubble containing the text "OK" is positioned between the person with the green shirt and the dark grey region. The background of the slide is light grey with some faint, partially obscured text.

Source: Dake, https://en.wikipedia.org/wiki/Zero-knowledge_proof