

ABSTRACT

CIPHERTEXT HYBRID OPERATION METHOD AND DEVICE

The present description provides a ciphertext hybrid operation method and apparatus. The method comprises: receiving a target function signature and a corresponding operand set, the operand set comprising ciphertext operands corresponding to at least two preset ciphertext types; determining a target ciphertext type corresponding to the at least two preset ciphertext types, wherein the target ciphertext type is simultaneously located in paths formed between each of the at least two preset ciphertext types and the highest-level preset ciphertext type; and in a case where the target ciphertext type supports an operation function specified by the target function signature, decrypting all the ciphertext operands in the operand set, converting the decrypted ciphertext operands to use the target ciphertext type for representation, and performing operation on the converted ciphertext operands according to the operation function specified by the target function signature.

Figure 2