The Salsa20 quarter-round function

The Salsa20 primitive is \( b \oplus = (a \oplus c) \ll k \)

where \( \oplus \) is addition modulo \( 2^{32} \), \( \ll \) is the left-rotate operation, and \( \oplus \) is exclusive-or.

\( x \oplus = y \) is an abbreviation for \( x = x \oplus y \)