Send OP to Ci to add 1 when calculating a difference!

A "Programmable" Multifunction Adder/Subtractor

Notes on usage:

OP=0: \( S = A + B \) (sum)
OP=1: \( S = A - B \) (difference)

Uov=1: Unsigned overflow
Sov=1: Signed Overflow

One's Complimenter

4 Full Adders