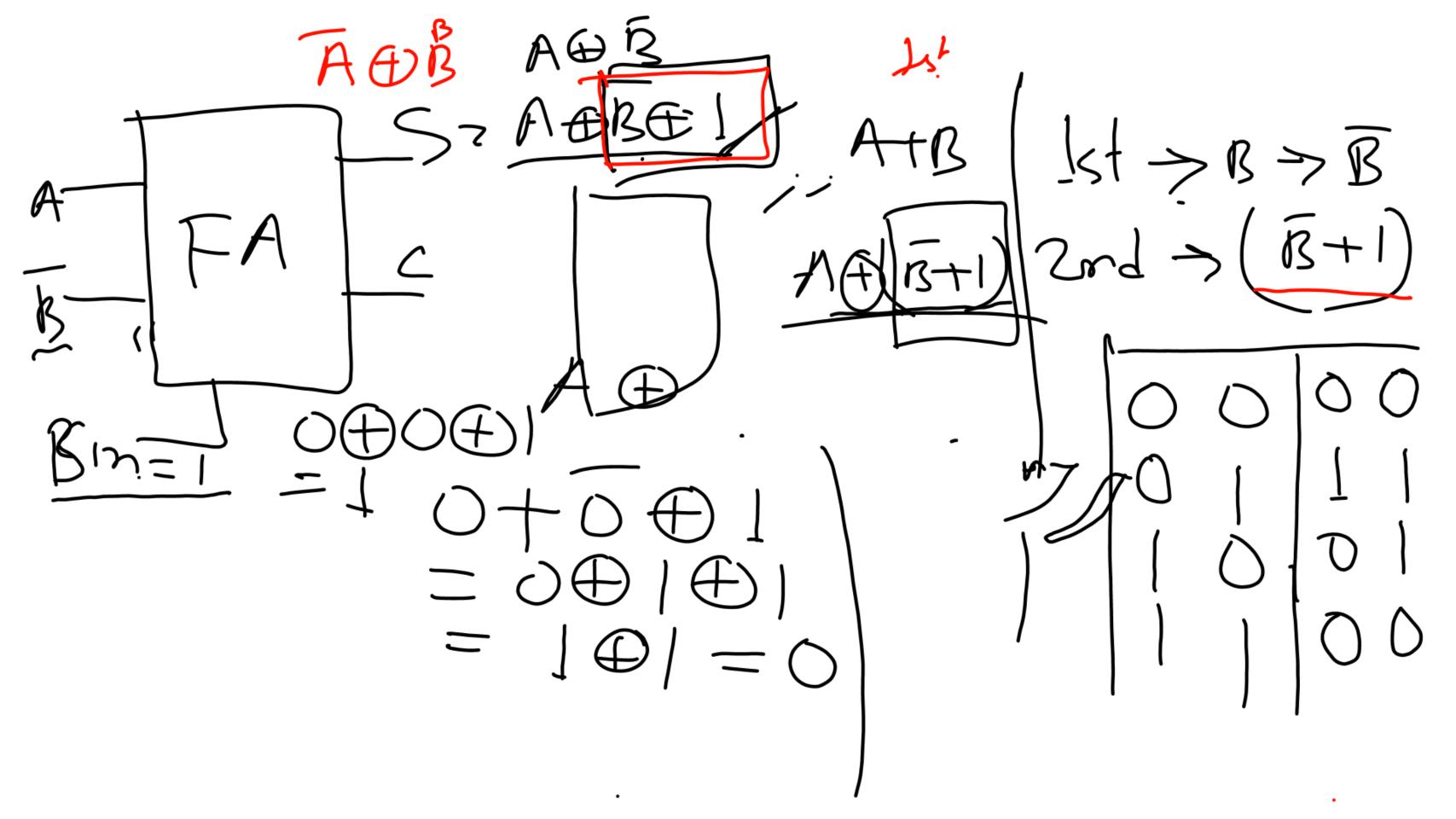
$$S = A \oplus B \oplus O = A \oplus B$$

$$C = AB + C (A \oplus B)$$

$$= AB + AC + BC$$

$$A \oplus (B \oplus I)$$

$$A \oplus B$$

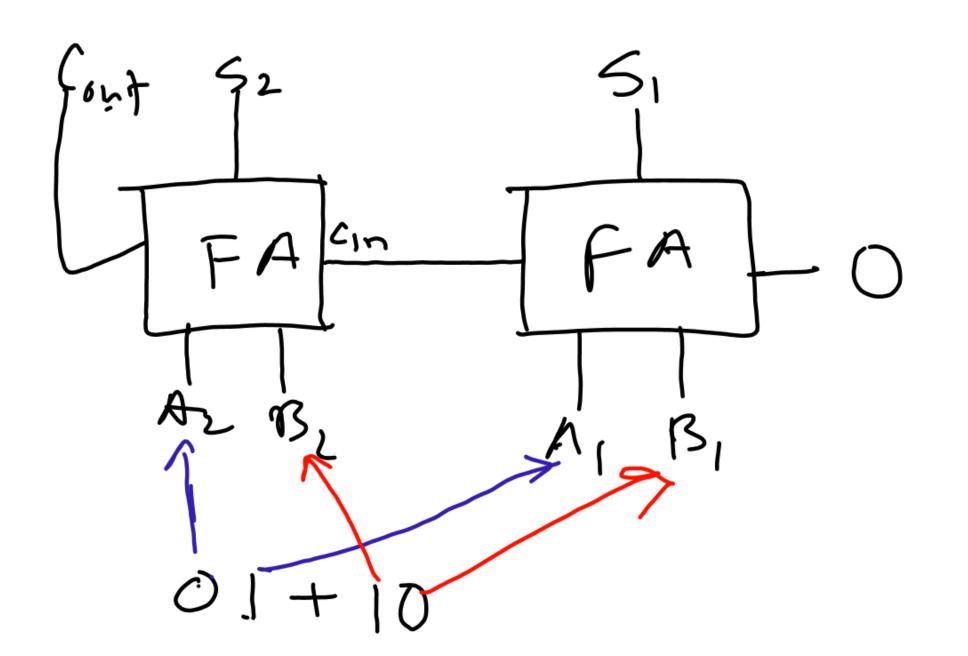


$$AR + G_{m}(AGB)$$

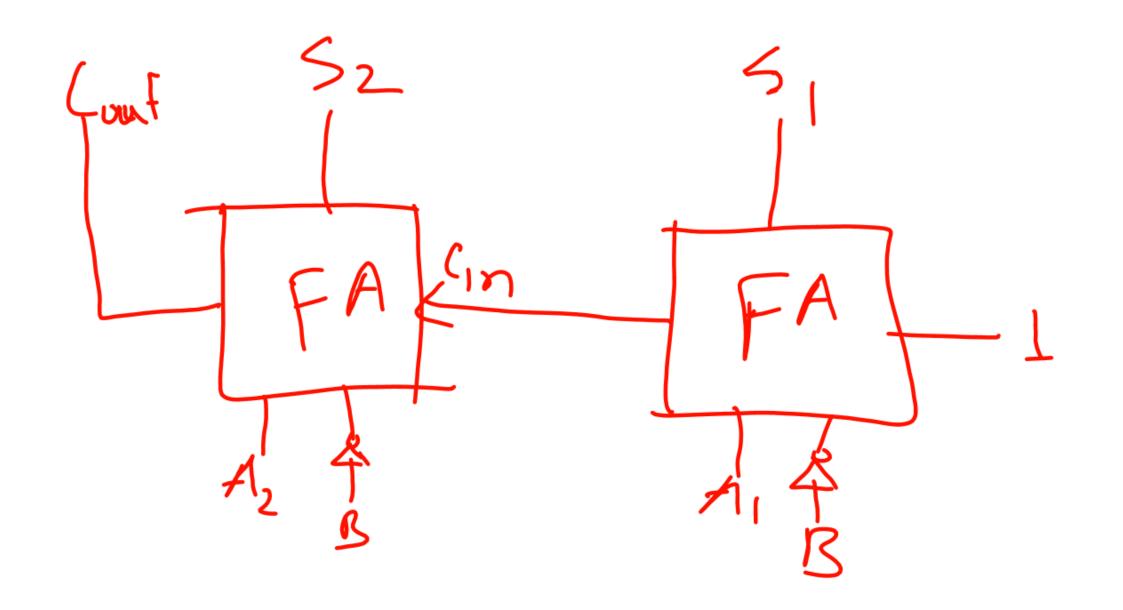
$$= 0.0 + 1(000)$$

$$= 0 + 0$$

$$= 0$$



2 bit Full Adder



2 bit Substrator

adden Substractor Add Sub B@1

$$S = \overline{A}B + AB$$

$$C = AD$$

