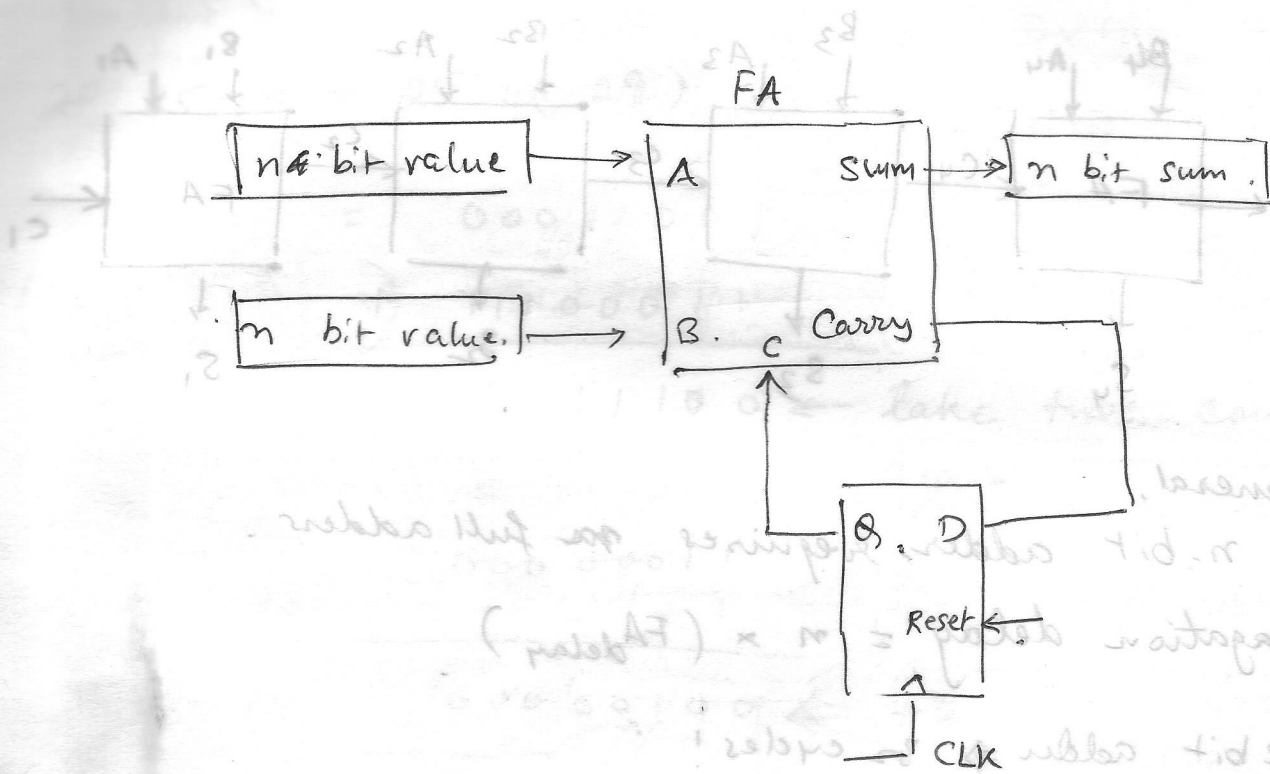
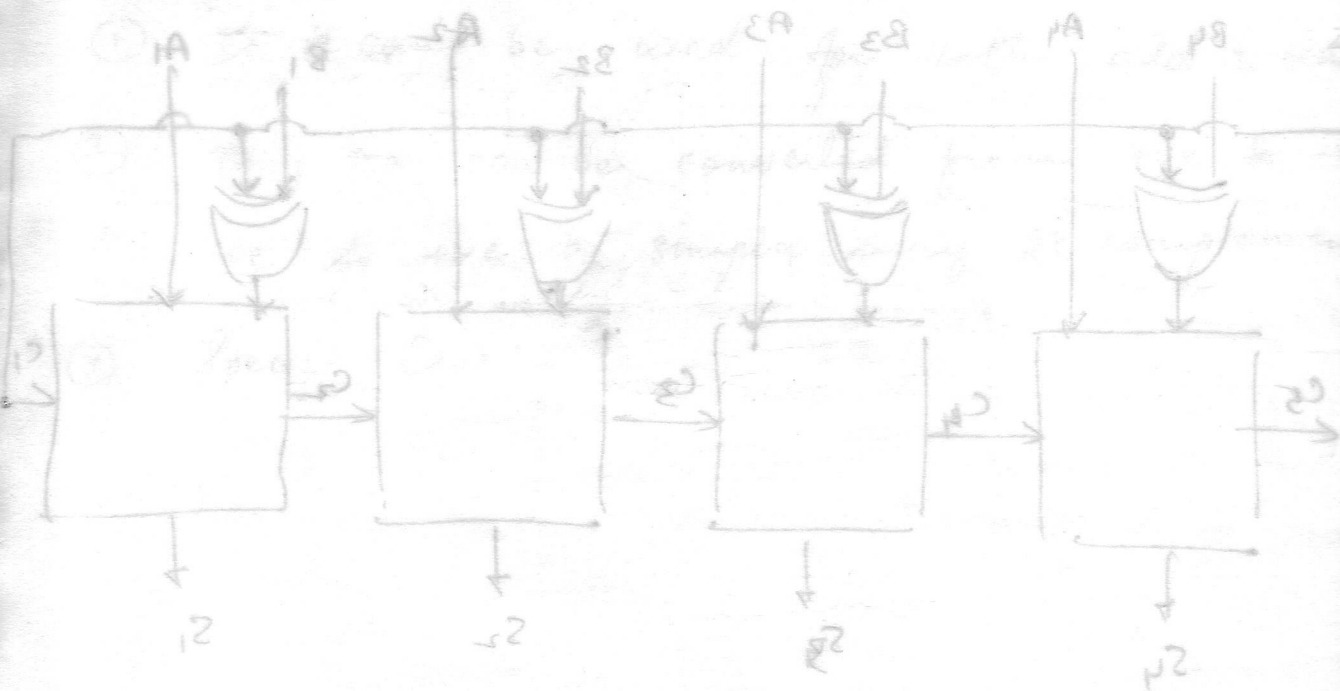


Serial Adder



As general, n-bit adder is composed of n serial adders. The propagation delay is $n \times (FA \text{ delay})$. 5 bit adder is shown below.



$$2nd = 0 = 0000$$

$$1st = 1 = 0001$$