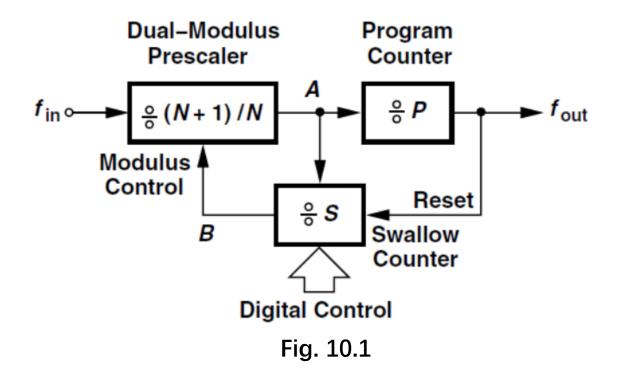
1. What's the advantage of the Pulse swallow divider in Fig. 10.1 over a fixed (NR+S) divider when used in Integer-N Frequency Synthesizer?



- 1. Pulse swallow divider is programmable
- 2. The combination of prescaler and multiple counters greatly reduces the power consumption of the Divider

## 2. How can the XOR of Fig. 10.2 be modified to provide differential outputs?

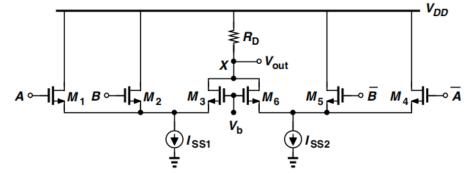


Fig. 10.2

