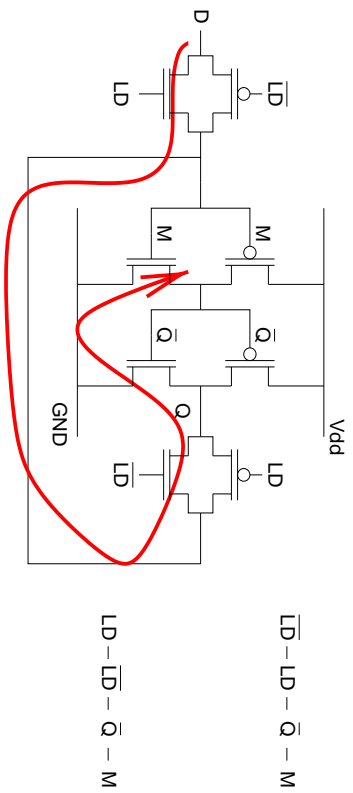


## Latches and Flip-Flops

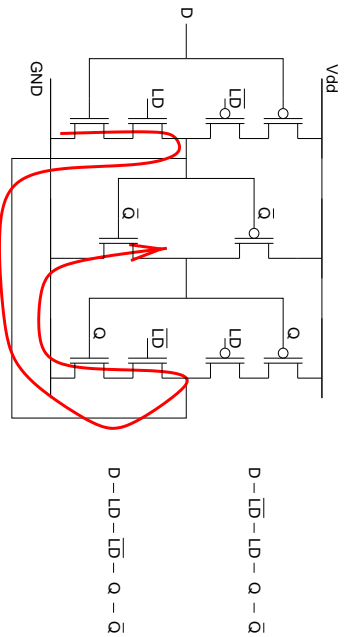
- Euler paths for transmission gate latch



8002

## Latches and Flip-Flops

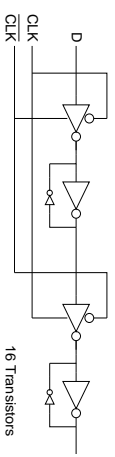
- Euler paths for tristate inverter based latch



8003

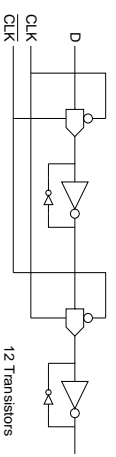
## Latches and Flip-Flops

- Tristate inverter implementation based on "jamb" latches



– the tristate inverter must be strong enough to override the weak inverter

- Transmission gate implementation based on "jamb" latches

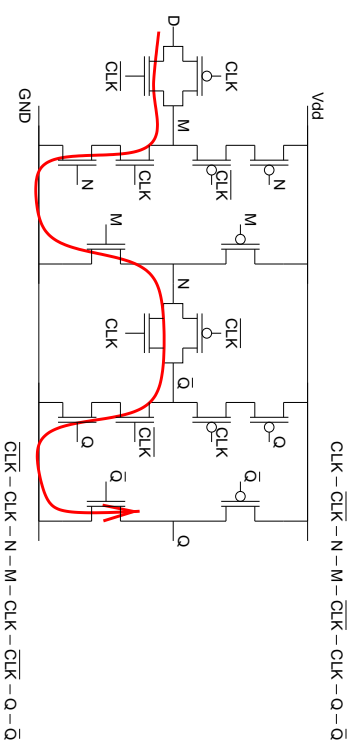


– this is less useful since its functionality depends on the drive strength at D

8005

## Latches and Flip-Flops

- Euler paths for master slave D type



8007

