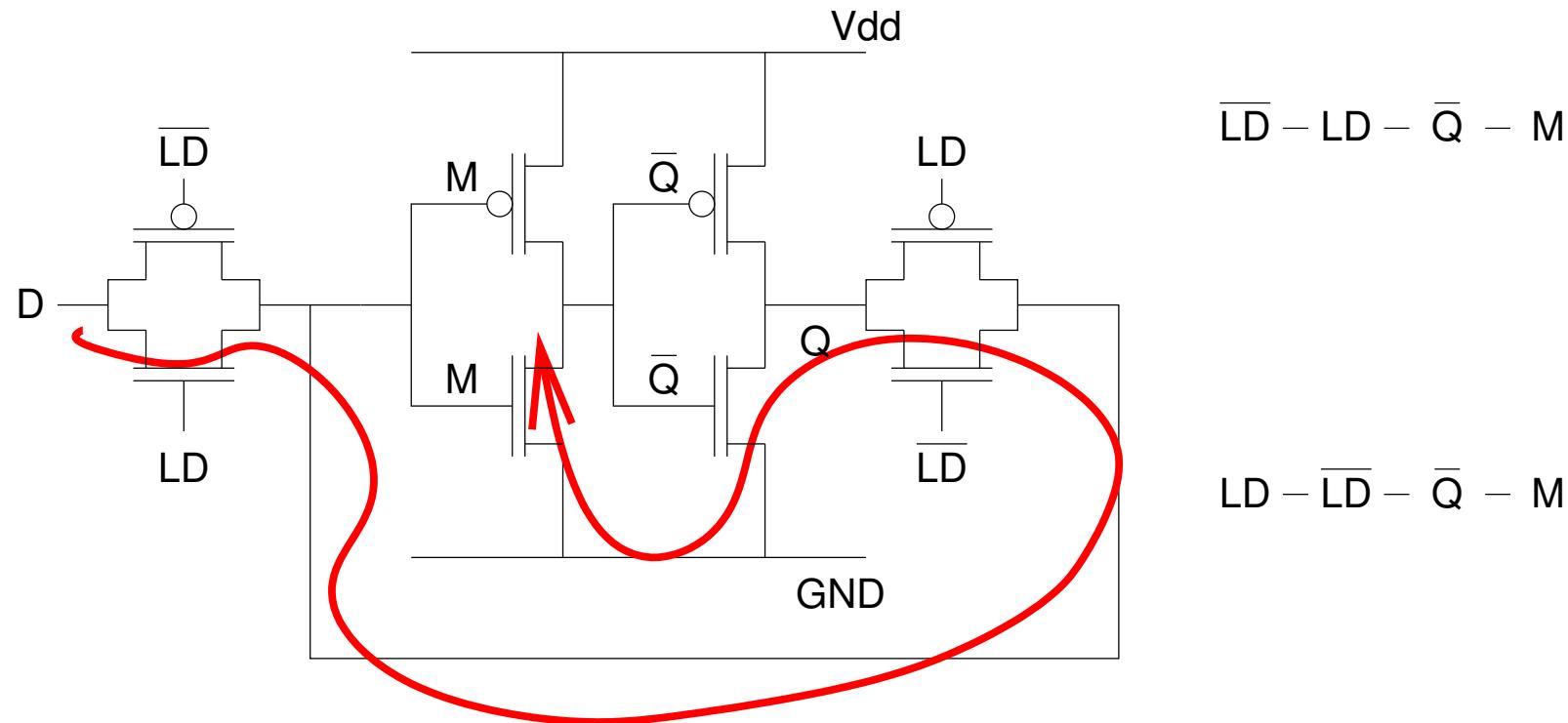


# Latches and Flip-Flops

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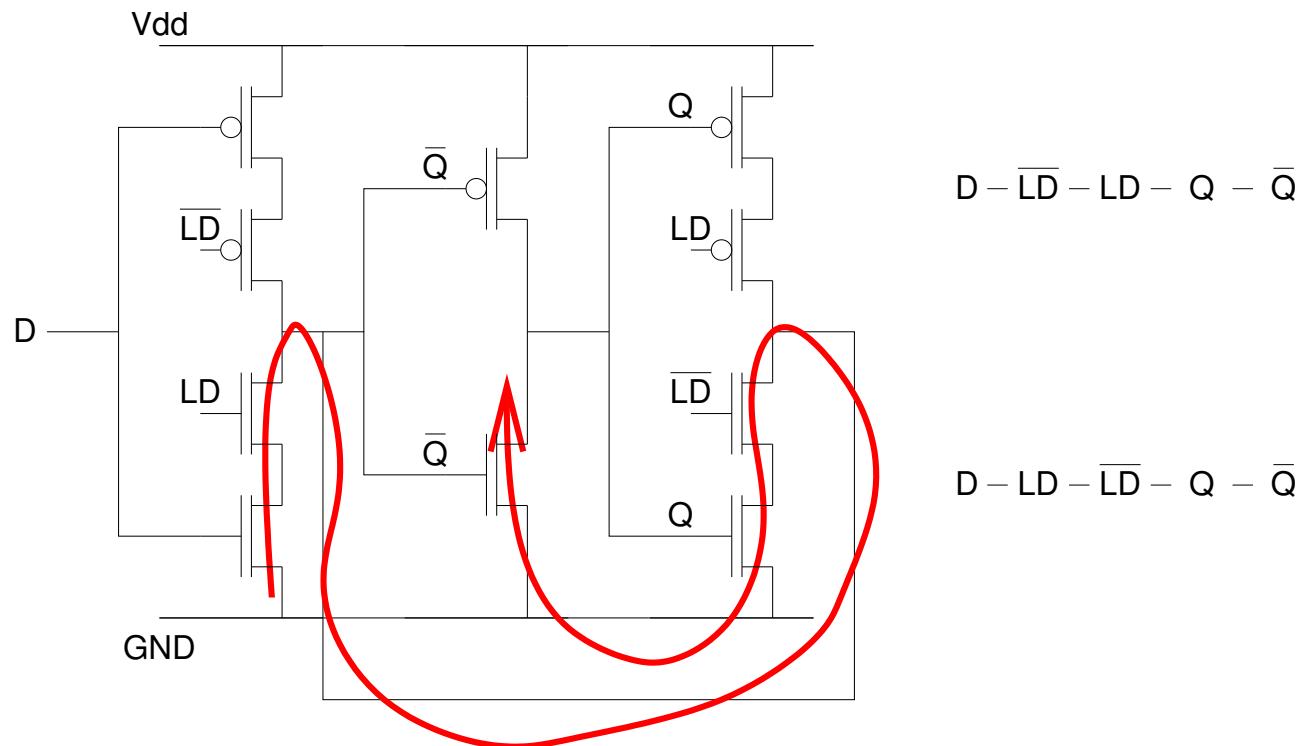
- Euler paths for transmission gate latch



# Latches and Flip-Flops

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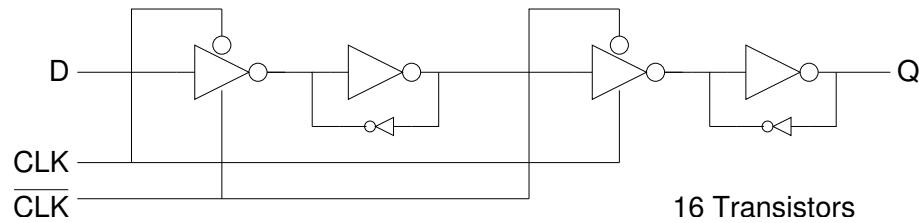
- Euler paths for tristate inverter based latch



# Latches and Flip-Flops

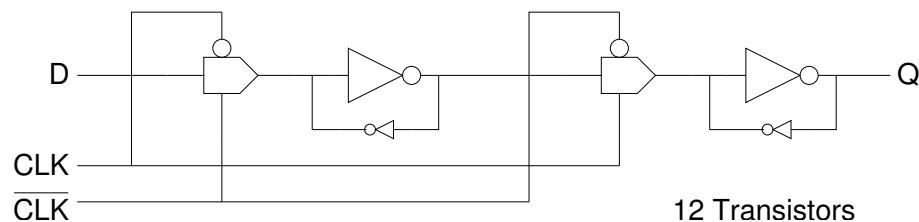
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- Tristate inverter implementation based on "Jamb" latches



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

- Transmission gate implementation based on "Jamb" latches

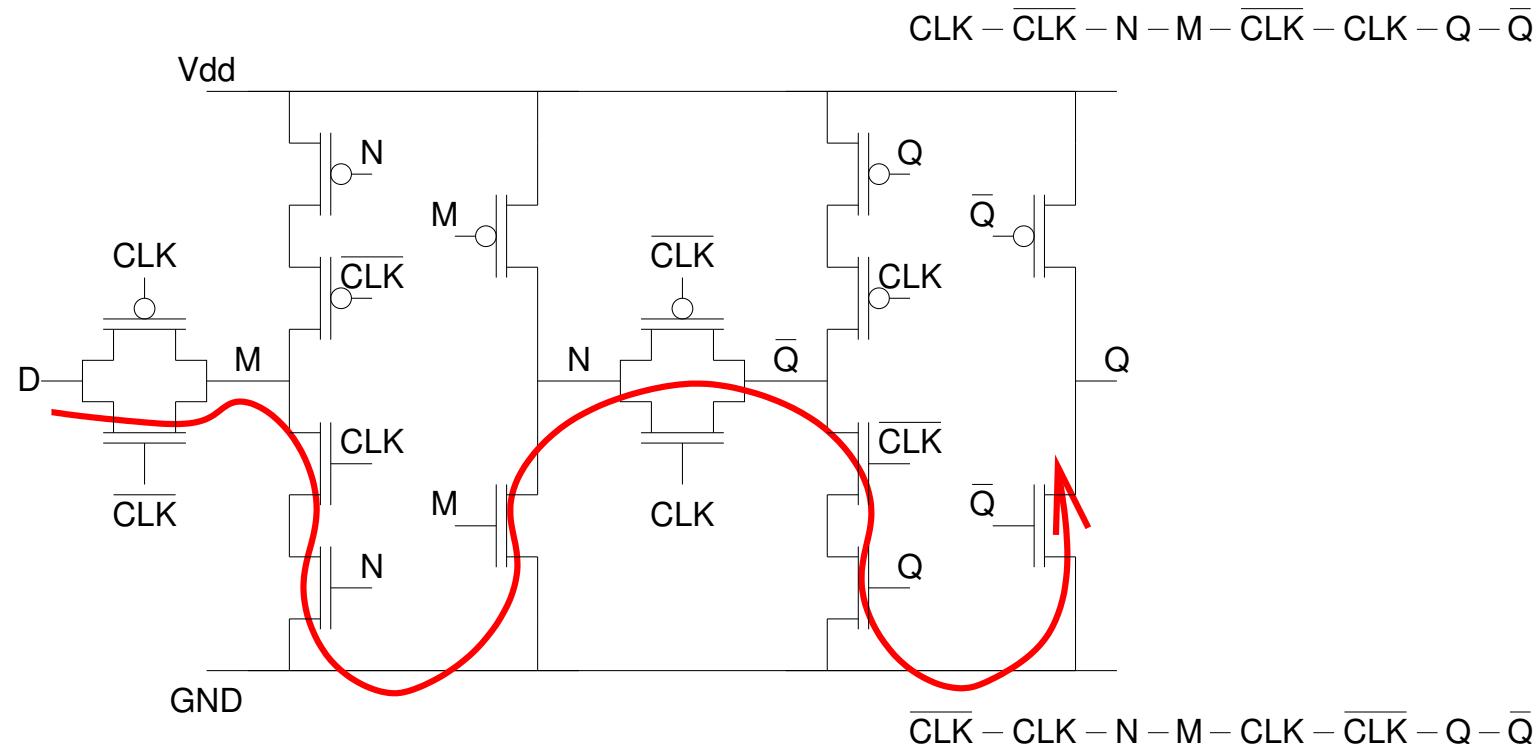


– this is less useful since its functionality depends on the drive strength at D

# Latches and Flip-Flops

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- Euler paths for master slave D type



# Latches and Flip-Flops

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- Partial Euler paths for edge triggered D type

