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selfpoised ~

<u>Course Progress Dates Course Notes Discussion</u>







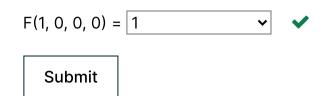
■ Calculator

#### Video explanation of solution is provided below the problem.

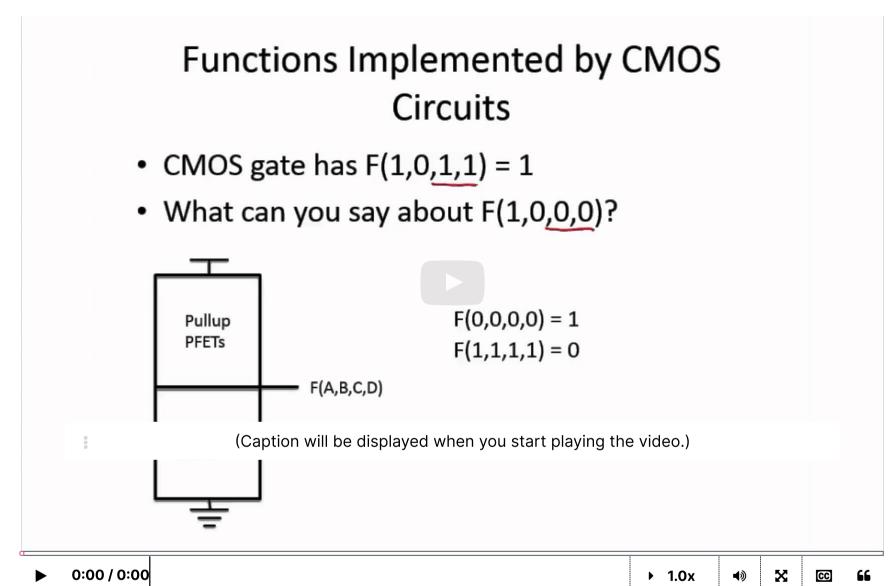
### **CMOS Functions**

1/1 point (ungraded)

A single CMOS gate, consisting of an output node connected to a single pullup circuit containing zero or more PFETs and a single pulldown circuit containing zero or more NFETs, computes F(A, B, C, D). It is observed that F(1,0,1,1) = 1. What can you say about the value of F(1,0,0,0)?



#### **CMOS Functions**



Video

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## Discussion

Topic: 3. CMOS / WE3.1

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✓ Observation on CMOS circuits
If I did something "stupid" like build a circuit so the output F(A.B.

If I did something "stupid" like build a circuit so the output F(A,B,C,D) is equal to D, then F(1,0,1,1) =1 and F(1,0,0,0)=0. It seems there i...

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