

# Fibonacci Sequence

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I came to the determination that Catalan's Identity did not hold for my sequence. To be quite honest, I have no clue why it didn't hold since those are the correct terms of the Fibonacci Sequence. I'm honestly not sure what I did, or how to get it to hold for the sequence. I think changing the initial terms causes the sequence to change its starting point completely, which can mess with the outcome of the sequence since it could be starting at a number that is less or more than the original sequence. Again, I'm not exactly sure what I did, I just tried to mess around with it until I found something that looked semi correct to me.