

The how  
mathematics  
influences the logical  
arguments for



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The aim of my report is to investigate how mathematics influences the logical arguments for Time travel.

Science fiction and Hollywood have used the concept numerous times in the past although it's worth accepting that nothing gets in the way of a good science story more than science fact. Albert Einstein was first to discuss the possibility with his General Theory of Relativity which proves (only because nobody has successfully challenged it) that time travel is possible providing someone is travelling at almost the speed of light. Particle Physicist, Brian Cox while supporting Einstein's theory also points out that it would be 'a one way trip'. The theoretical bridge, a shortcut through space-time proposed under Einstein's general-relativity theory has never been proven to exist.

He also stated that were a wormhole discovered or created by man, it is questionable whether humans could survive the trip<sup>11</sup> [http://www.huffingtonpost.com/2013/09/13/time-travel-possible-physicist-machine-future-only\\_n\\_3921944.html](http://www.huffingtonpost.com/2013/09/13/time-travel-possible-physicist-machine-future-only_n_3921944.html)