

Dangers of Wormholes

Wormholes bring a variety of hypothetical dangers. It is believed wormholes could contain such dangers as the sudden collapse of the wormhole, high radiation and hazardous exposure to foreign substances. (Redd, 2017, para 1)

However, uncertainty is the main concern when dealing with wormholes. If one was to travel through a wormhole, the endpoint could send the traveller into a dangerous material. The traveller could alternatively exit the wormhole to another time all together. (Mckee, 2005, para 1-6)

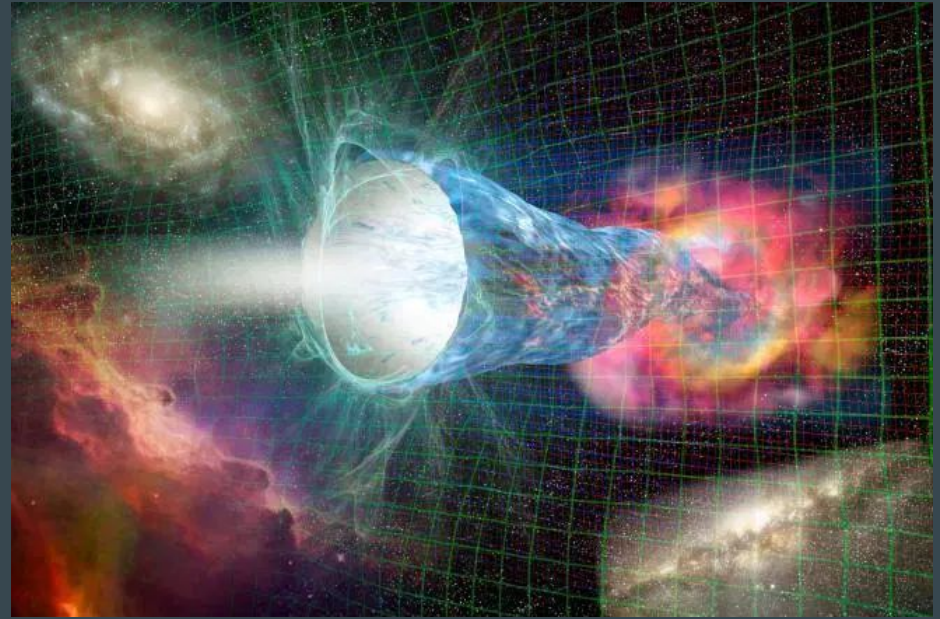


Figure 5: Illustration of an artists depict of what a wormhole appearance. Retrieved from <https://cambridgealert.com/what-is-wormhole-theory/>

Reality VS Movie Depictions

Wormholes have played a major role in films such as *Star Wars*, *Star Trek* and *Stargate*. But none of these films depict how wormholes might actually look in real life (The Physics arXiv Blog, 2015, para 2).

The reason they are used so much in movies is because they are extremely attractive to science fiction writers as it allows them to bypass the speed limit imposed by the speed of light. In Everyday life we know that is extremely fast, but even if you want to travel across our galaxy you would be long dead before you reach your destination travelling at that speed (npr, 2014, para 3).



Figure 7: The Millennium Falcon entering hyperspace. Retrieved from <https://starwars.fandom.com/wiki/Lightspeed/Legends>

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Image References

Figure 1: Illustration of what a wormhole is thought to look like. Retrieved from <https://www.sciencealert.com/russian-physicist-describes-wormhole-shape-using-quasinormal-modes>

Figure 2: Illustration of a spacecraft traveling through a traversable wormhole. Retrieved from <https://study.com/academy/lesson/wormholes-creation-types.html>

Figure 3: Illustration of a inter-universe wormhole. Retrieved from https://medium.com/@Ella_alderon/can-we-create-wormholes-25afd107f437

Figure 4: Illustration of how a wormholes function by folding in and opening in another location. Retrieved from <http://theconversation.com/curious-kids-how-do-wormholes-work-90627>

Figure 5: Illustration of an artists depict of what a wormhole appearance. Retrieved from <https://cambridgealert.com/what-is-wormhole-theory/>

Image References Cont.

Figure 6: Illustration of how a wormhole could be used. Retrieved from <https://www.thoughtco.com/is-time-travel-possible-2699431>

Figure 7: The Millennium Falcon entering hyperspace. Retrieved from <https://starwars.fandom.com/wiki/Lightspeed/Legends>