

Astro 25 week 14b-15a: Useful readings

Internet reading

Wormholes: <http://en.wikipedia.org/wiki/Wormhole>

Exotic matter: http://en.wikipedia.org/wiki/Exotic_matter

Sean Carroll's time FAQ: <http://preposterousuniverse.com/eternitytohere/faq.html>

Paper reading

Brian Greene

Fabric of the Cosmos, 2005, 576p.

Supporting papers (see the Astro 25 reading room for these)

Alcubierre (1994), warp drive

Abbott *et al.* (2016), Gravitational radiation

Siegfried (2016), Quantum entanglement and space—a readable introduction

Grant (2015), Quantum entanglement and space—a denser treatment

Einstein & Rosen (1935), Einstein-Rosen wormholes—massively dense

Einstein, Podolsky & Rosen (1935), Locality issues with quantum—massively dense

Susskind (2016), ER=EPR paper—very, very dense

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