

Tales from the edge: boundary terms and entanglement entropy

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Conformal transformations to hyperbolic space should be a useful tool for calculating entanglement entropies in conformal field theories (CFTs). There are subtle issues associated with the boundary of hyperbolic space, however. I will discuss these subtleties in the context of computing the universal log contribution to the entanglement entropy across a sphere in even dimensional CFTs. Time permitting, I will also discuss thermal corrections to this entanglement entropy.

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