



Relativistic Beaming in AdS/CFT

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We propose a mechanism of 'beaming' the backreaction of a relativistic source in the bulk of AdS towards the boundary. Using this beaming mechanism to estimate the energy distribution from radiation by a circling quark in strongly coupled field theory, we find remarkable agreement with the previous results of arXiv:1001.3880. Apart from explaining a puzzling feature of these results and elucidating the scale/radius duality in AdS/CFT, our proposal provides a useful computational technique.

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