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Self-force of a scalar charge in the space-time of extreme charged anti-dilatonic wormhole

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Abstract

© 2018 World Scientific Publishing Company The self-interaction for a static scalar charge in the space-time of extreme charged anti-dilatonic wormhole is calculated. We assume that the scalar charge is the source of massless scalar field with minimal coupling of the scalar field to the curvature of spacetime.

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Keywords

Self-force, wormhole