

## 6D Braneworld

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Braneworld models involving large extra dimensions have been very useful in addressing several open questions in high energy physics. Most of the braneworlds are realized as time-independent field configurations. However, there have appeared several braneworld models that assumed time-dependent metrics and fields.

In this paper we study the non-stationary 6D braneworld generated by standing gravitational waves coupled to a phantom-like bulk scalar field. The model is generalization of 5D standing waves scenario (arXiv:1209.3815 , arXiv:1304.6079). The metric we use differs from those of the 6D models.

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