

# Recursion operators for multidimensional integrable PDEs

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## **Abstract:**

We present a novel construction of recursion operators for scalar second-order integrable multidimensional PDEs with isospectral Lax pairs written in terms of first-order scalar differential operators. Our approach is quite straightforward and can be readily applied using modern computer algebra software. It is illustrated by several examples. For details please refer to [arXiv:1710.05907](https://arxiv.org/abs/1710.05907).