

# Green's Functions of Partial Differential Equations with Involutions

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*Based on joint work with Professor P. Torres, Universidad de Granada (Spain).*

In this talk we show a way of obtaining Green's functions of partial differential equations with linear involutions by reducing the equation to a higher-order PDE without involutions. The theory is applied to a model of heat transfer in a conducting plate which is bent in half.

## References

- [1] F. Adrián F. Tojo, P. Torres, Greens Functions of Partial Differential Equations with Involutions, *Journal of Applied Analysis and Computation* **7**, 3 (2017) 1127–1127.