

# The resolvent of impulsive dynamic singular Sturm–Liouville operators

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## Abstract

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In this study, the resolvent operator of the impulsive dynamic singular Sturm–Liouville problem is considered. The spectral function was first established. The integral representation of the resolvent operator is obtained using this function.

## Data availability

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Data sharing is not applicable to this article as no datasets were generated or analysed during the current study.

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