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Title:	Ramanujan's master theorem for sturm liouville operator
Authors:	Jotsaroop, K. (/jspui/browse?type=author&value=Jotsaroop%2C+K.) Pusti, Sanjoy (/jspui/browse?type=author&value=Pusti%2C+Sanjoy)
Keywords:	Ramanujan's master theorem liouville operator
Issue Date:	2022
Publisher:	Springer Nature
Citation:	Monatshefte fur Mathematik, 199(3), 555-593.
Abstract:	In this paper we prove an analogue of the Ramanujan's master theorem in the setting of Sturm Liouville operator $L = d^2/dt^2 + A'(t)/A(t).d/dt$, on $(0, \infty)$, where $A(t) = (\sinh t)^{2\alpha+1}(\cosh t)^{2\beta+1}B(t)$; $\alpha, \beta > -1/2$ with suitable conditions on B . When $B \equiv 1$ we get back the Ramanujan's Master theorem for the Jacobi operator.
Description:	Only IISER Mohali authors are available in the record.
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