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**Angela Pasquale, Joachim Hilgert** and **tomasz przebinda\*** (tprzebinda@gmail.com),  
Tomasz Przebinda, Norman, OK 73019. *Resonances for the Laplace operator on the symmetric  
space  $SL_3(\mathbb{R})/SO_3(\mathbb{R})$ .* Preliminary report.

We prove the existence of a meromorphic extension of the resolvent for the Laplace operator on the symmetric space  $SL_3(\mathbb{R})/SO_3(\mathbb{R})$  and compute the residue operators. They turn out not to be of finite rank. (Received January 15, 2014)