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# Decay Properties for the Damped Wave Equation with Space Dependent Potential and Absorbed Semilinear Term

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## Abstract

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The author would like to thank Professor Grozdena Todorova so much for her comments and advice on the original version of this manuscript. This work was supported in part by Grant-in-Aid for Scientific Research (C) 20540219 of Japan Society for the Promotion of Science.

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