

**ERRATUM TO "EXISTENCE AND MULTIPLICITY OF
SOLUTIONS FOR THE NONLINEAR KLEIN–GORDON
EQUATION COUPLED WITH BORN–INFELD THEORY ON
BOUNDED DOMAIN" [DIFFER. EQU. APPL. 4 (2012) 445–457]**

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At page 448 of [1], we require that the embedding $\mathcal{D}(\Omega) \hookrightarrow L^\infty(\Omega)$ is continuous, but this conclusion is true only when the dimension is $N = 3$. Hence, the domain Ω should be a domain in \mathbb{R}^3 . All arguments and all our results remain true without any changes.

REFERENCES

- [1] K. TENG, *Existence and multiplicity of solutions for the nonlinear Klein-Gordon equation coupled with Born-Infeld theory on bounded domain*, Differ. Equ. Appl., **4** (2012), 445–457.

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