



# Retraction Note to: Evolution of the Health of Concrete Structures by Electrically Conductive GFRP (Glass Fiber Reinforced Plastic) Composites

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**Retraction Note to: *Metals and Materials International*,  
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<https://doi.org/10.1007/bf03027029>**

This article [1] has been retracted at the request of the Editor-in-Chief. Concerns were raised regarding substantial duplications with previous articles published in other journals in which for some S.-G. Shin is one of the co-authors. After a thorough analysis we conclude that the concerns are valid. The article contains sections that substantially overlap with the following published article [2] (amongst others). S.-G. Shin has not responded to correspondence from the Editor about this retraction.

1. “Evolution of the Health of Concrete Structures by Electrically Conductive GFRP (Glass Fiber Reinforced Plastic) Composites” S.-G. Shin, *Mat. Mater. Int.*, Vol. 8, Issue 1, pp. 63–68 (2002).
2. “Application of self-diagnosis FRP to concrete pile for health monitoring” H. Nishimura, T. Sugiyama, Y. Okuhara, S.-G. Shin, H. Matsubara, and Hiroaki Yanagida, *Proc. SPIE 3985, Smart Structures and Materials 2000: Smart Structures and Integrated Systems*, pp. 335–342, Society of Photo Optical, USA (2000).

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The original article can be found online at  
<https://doi.org/10.1007/BF03027029>.

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