

**S.I. Othman, V. Anandam**

***Biharmonic Green domains in a Riemannian manifold***

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**Abstract:** Let  $R$  be a Riemannian manifold without a biharmonic Green function defined on it and  $\Omega$  a domain in  $R$ . A necessary and sufficient condition is given for the existence of a biharmonic Green function on  $\Omega$ .

**Keywords:** biharmonic Green functions

**AMS Subject Classification:** 31C12, 31B30