

# Re: Series

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- *From:* "G. A. Edgar" <[edgar@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:edgar@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
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In article

<12318708.1222361908437.JavaMail.jakarta@xxxxxxxxxxxxxxxxxxxxxxxx>, Maury Barbato <[mauriziobarbato@xxxxxxxx](mailto:mauriziobarbato@xxxxxxxx)> wrote:

Hello,  
let  $\{a_n\}$  be a sequence of real numbers which is not  
in  $l_2$ . Is there sum element  $\{x_n\}$  of  $l_2$  such that  
 $\sum_{n=0}^{\infty} (a_n) \cdot (x_n)$  diverges?

yes

Thank you very much for your attention.  
My Best Regards,  
Maury

—  
G. A. Edgar <http://www.math.ohio-state.edu/~edgar/>