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On the convergence of the series $\sum a_n^{1-x_n/\log(1+n)}$. (English)

Bul. Ştiinţ. Univ. Baia Mare, Ser. B 18, No.1, 65-68 (2002).

<http://carpathian.ubm.ro/?s=7f=1>

Summary: We show that, for any sequence (a_n) of positive numbers and any bounded sequence (x_n) of real numbers, the series $\sum a_n$ and $\sum a_n^{1-x_n/\log(1+n)}$ either both converge or both diverge.

Keywords : series; convergence

Classification :

*40A05 Convergence of series and sequences