

## LOCATIONS OF EXTREME VALUES OF THE EMPIRICAL PROCESS

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*Abstract:* Let  $\alpha_n$  be a uniform empirical process and  $\mu_n$  (respectively,  $\nu_n$ ) the unique location of its maximum (respectively, minimum). We establish a “liminf” iterated logarithm law for  $|\mu_n - \nu_n|$ .

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**Key words and phrases:** Empirical process, law of the iterated logarithm.

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