

CORRECTION
TO THE PAPER "CONVERGENCE OF RANDOM MEASURES AND
POINT PROCESSES ON THE PLANE" BY R. BANYS (VILNIUS)

(Probability and Mathematical Statistics 5.2 (1985), p. 211-219)

R. Mikulevičius has kindly pointed out that Theorem 4 is wrong as it stands. It is, however, true if moduli $w_\delta^{(i)}(a, t, \xi)$ are defined as

$$w_\delta^{(1)}(a, t, \xi) = \int_0^t [\xi(s + \delta, a) - \xi(s, a)] \xi(ds, a)$$

and

$$w_\delta^{(2)}(a, t, \xi) = \int_0^t [\xi(a, s + \delta) - \xi(a, s)] \xi(a, ds).$$

Corollary should be replaced by the following

COROLLARY. Let ξ be a.s. simple point process and $T_\xi = T$. Then $\xi_n \xrightarrow{d,s} \xi$ if and only if $\xi_n \xrightarrow{d,v} \xi$.

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