

**EDITORS' STATEMENT CONCERNING "NORMALITA'  
ASINTOTICA DI CATENE MARKOVIANE NON  
 $\phi$ -MIXING" BY RODOLFO DE DOMINICIS**

In 1981 Professor Rodolpho De Dominicis (University of Naples) published an article ([4] of the bibliography) in this Journal. The reviewer in *Mathematical Reviews* (82j:60033a, b) pointed out that the results of [4] are contained in De Dominicis's earlier publication [3]. Recently the Editors of this Journal have received from Dr. S. Grigorescu and Dr. Gh. Popescu (Center of Mathematical Statistics, Bucharest, Romania) a letter which indicates that there are astonishing similarities between their earlier articles [1] and [2], especially the latter, and the De Dominicis articles [3] and [4].

An ad hoc committee of Editors was formed to consider the matter.

In response to a letter of inquiry from an Editor, Professor De Dominicis expressed surprise at the similarities between [4] and Popescu's paper [2], and suggested that these might have arisen because he and Popescu both started from the same basic literature.

The committee carefully compared [4] and [2, Section 2.2] starting after the introductory material in both papers. Using the initial points p. 182, line 25, of Popescu's 1978 paper [2] and p. 456, line 3, of De Dominicis' 1981 paper [4], the committee found many similarities in content, style (even to the numbering of displayed formulas), and notation of the pages following these starting points. The committee invites interested persons to make their own comparisons.

The Editors of this Journal regret the publication of the article [4], apologize to that unknown author whose paper was crowded out of this Journal by [4], and thank Drs. Grigorescu and Popescu for bringing this resemblance to their attention.

REFERENCES

1. SERBAN GRIGORESCU, and G. POPESCU, *A central limit theorem for a class of Markov chains*, Proc. Fourth Conference on Probability Theory, Brasov, 1971, Ed. Acad. R. S. Romania Bucuresti, 1973.

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2. G. POPESCU, *Asymptotic behaviour for random systems with complete connections, II*, *Stud. Cerc. Mat.*, vol. 30 (1978), pp. 181–215.
3. RODOLFO DE DOMINICIS, *An invariance principle for a Markov chain of random elements (Italian)*, *Collect. Math.*, vol. 31 (1980), pp. 125–139, 82j60033a.
4. \_\_\_\_\_, *Asymptotic normality of non- $\phi$ -mixing Markov chains (Italian)*, *Illinois J. Math.*, vol. 25 (1981), pp. 455–463, 82j:60033b.