RACSAM
Rev. R. Acad. Cien. Serie A. Mat.
VOL. **103** (1), 2009, pp. 91–91
Análisis Matemático / Mathematical Analysis

Addendum to the paper The Projective Tensor Product II: The Radon-Nikodym Property*

Joe Diestel, Jan Fourie, and Johan Swart

The paper ***The Projective Tensor Product II: The Radon-Nikodym Property***, by Joe Diestel, Jan Fourie, and Johan Swart, was published in Rev. R. Acad. Cien. Serie A. Mat. Vol. **100** (1–2), 2006, pp. 75–100, submitted by Vicente Montesinos. The authors have sent the following addendum to the page 96:

Replace lines 19 to 23 in page 96, i.e., from:

"$(B_{Y^{**}}, weak^*)$. But it's easy. . ."

to

"is υ-measurable and

$$G_2 = H_2 \cdot \chi_{(B_{X^{**}}, weak^*)} \times B_Y"$$

by

"$(B_{Y^{**}}, weak^*)$. To see that $(B_{X^{**}}, weak^*) \times B_Y$ is υ-measurable, we call on Choquet's theory of capacities and $\mathcal{K}$-analytic sets. More specifically, since B_Y is Polish it is a $\mathcal{K}_{\sigma\delta}$ set; it follows that $(B_{X^{**}}, weak^*) \times B_Y$ is a $\mathcal{K}_{\sigma\delta}$ subset of K, its Čech-Stone compactification. As such it is universally "f-capacitable", where f ranges over all the regular capacities defined on K; in particular, it is universally measurable with respect to the regular Borel measures on K [cf. G. Choquet, *Lectures on Analysis*, Vol. I, W. A. Benjamin, Inc., 1969, especially pp. 141–156]. Moreover

$$G_2 = H_2 \cdot \chi_{(B_{X^{**}}, weak^*)} \times B_Y"$$

*This addendum was received by Professor Vicente Montesinos on 20th March 2009 and its publication was accepted in 1th April 2009.