References

[1] И. Ц. Гохберг и М. Г. Крейн, *Введение в теорию линейных несамосопряжённых операторов в гильбертовом пространстве*, Москва 1965.

[2] A. Grothendieck, *Résumé de la théorie métrique des produits tensoriels topologiques*, Boletim Soc. Mat. São Paulo 8 (1956), p. 1-79.

[3] A. Pełczyński et W. Szlenk, *Sur l'injection naturelle de l'espace (l) dans l'espace (l_p)*, Colloquium Mathematicum 10 (1963), p. 313-323.

[4] A. Pietsch, *Absolut p-summierende Abbildungen in normierten Räumen*, Studia Mathematica 28 (1967), p. 333-353.

[5] — *Nukleare lokalkonvexe Räume*, Berlin 1965.

[6] F. Riesz et B. Sz-Nagy, *Leçons d'analyse fonctionnelle*, Budapest 1953.

[7] A. Zygmund, *Trigonometric series*, Volume I, Cambridge 1959.

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Supplement to my paper "On the convergence of superpositions of a sequence of operators"*

by

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The author is grateful to M. David for noting that Theorem 1 in the above paper remains true without the assumption $S_iS_j = S_j$. The proof (the idea of which is similar to that in the paper, but without using ($\overline{\overline{\text{a}}}$)) consists in showing by induction relative to k of the following formula:

$$T_nT_{n-1}T_{n-2}\dots T_k - AT_{n-1}T_{n-2}\dots T_k = (T_n-A)(T_{n-1}-S_{n-1})\dots(T_k-S_k)$$

starting with $k = n-1$ and going down to $k = 1$ (n fixed).

Since Theorem 1 is used in the next following theorems, these theorems also remain true if one omits in them the assumptions $S_iS_j = S_j$ in Theorem 2 and in the proof of sufficiency in Theorem 3 and $S = S^2$ in Theorems 4 and 5.

* See Studia Mathematica 25 (1965), p. 343-351.

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