ERRATA

Corrections to

ORDERED GLEASON PARTS

H. S. BEAR

Volume 62 (1976), 337-349

The author is indebted to Professor Miroslav Dont, of Charles University, Prague, for pointing out the following errors. Professor Dont will publish his results in Časopis pro pěstování matematiky.

In §4, p. 346, we attribute to Pini and Hadamard the following Harnack inequality for solutions of the heat equation: if (x_1, t_1), (x_2, t_2) are interior points of X, and $t_1 \leqq t_2$, then there is a constant M such that for every positive parabolic function u, $u(x_1, t_1) \leqq Mu(x_2, t_2)$. The author mistranslated Pini's paper: the theorem requires $t_1 < t_2$, and Dont shows by example that $t_1 < t_2$ is in fact necessary. Hence the Gleason parts for the space of parabolic functions are singletons. The statements throughout the paper which refer to the ordering $\leqq$ for the parabolic functions need appropriate modification, and Theorems 13 and 14 are not correct as they stand.

The theorem of §3 can be strengthened (simply by reading the proofs more carefully) so that applications to the heat equation remain. We indicate the general changes below. To see what is happening in the special case where B is the space B_p of parabolic functions on

$$X = \{(x, t): a \leqq t \leqq b, \varphi_1(t) \leqq x \leqq \varphi_2(t)\}$$

and p_0 is an interior point of the top horizontal segment in X, keep in mind that $X(p_0) = X^0 \cup \{p_0\}$.

In Theorem 6, replace the last sentence by: "$\mathscr{T} = \mathscr{S}_D$ on a subset Y of $X(p_0)$ if and only if $B^+(p_0)$ is equicontinuous on Y." A similar change holds in Corollary 2 to Theorem 7. If $B = B_p$, then $B^+(p_0)$ is not equicontinuous at p_0, but is equicontinuous on $X(p_0) - \{p_0\} = X^0$.

In Theorem 8 replace "$X(p_0)$" by "Y", where Y is any open set contained in $X(p_0)$.

In the paragraph preceding Theorem 9 add the definition: $\hat{B}(Y)$ is the closure of $B|Y$ in the topology of uniform convergence on compact subsets of Y, where Y is a subset of $X(p_0)$. In Theorem 9 the hypothesis can be changed to read "$B^+(p_0)$ is equicontinuous on the open subset Y of $X(p_0)$", and the conclusion to "$Q(\cdot, \theta) \in \hat{B}(Y)$". If $B = B_p$, this implies that $Q(\cdot, \theta)$ is parabolic on X^0, and Theorem 13, with "X" replaced by "X^0" both times, follows from the above version of Theorem 9.

Theorem 14 is false as stated. We will show elsewhere that a positive parabolic function v on $(-1, 1) \times (0, 1)$ has the integral representation given, for a finite measure α, if and only if $\lim_{t\to 1-} v(0, t) < \infty$. Here we take $p_0 = (0, 1)$.

We also note the following errors. Theorem 5 should read "$B|\Gamma = C(\Gamma)$" instead of "$B|\Gamma$ dense in $C(\Gamma)$". On p. 347 the definition B_n should read: "all C^2 functions which satisfy $u_{xx}(x, y) - u_{yy}(x, y) = 0$ and $u_y(x, 0) = 0$".

Corrections to

SUBSEQUENCES AND REARRANGEMENTS OF SEQUENCES IN FK SPACES

ROBERT DEVOS

Volume 64 (1976), 129-135

In Lemma 1 and all subsequent results, whenever we take a sequence in $E\backslash l^p$ we need take it in $E\backslash(l^p \oplus \{e\})$. This error was pointed out by R. A. Shoop.

Corrections to

EXACT FUNCTORS AND MEASURABLE CARDINALS

ANDREAS BLASS

Volume 63 (1977), 335-346

Professor V. Trnková and J. Reiterman have informed me that the main results in [1] are contained in or easily deducible from [3] and that the example constructed in the last paragraph of [1] was also obtained in [2].

1. A. Blass, *Exact functors and measurable cardinals*, Pacific J. Math., **63** (1976), 335-346.
2. J. Reiterman, *An example concerning set-functors*, Comm. Math. Univ. Carolinae, **12** (1971), 227-233.
3. V. Trnková, *On descriptive classification of setfunctors*, Comm. Math. Univ. Carolinae, **12** (1971), 143-174 and 345-357.