Correction to

SYMPLECTIC BORDISM, STIEFEL-WHITNEY NUMBERS AND A NOVIKOV RESOLUTION

DON PORTER

Volume 35 (1970), 205–212

Larry Smith has pointed out that Proposition 7, p. 210 is wrong. Consequently my proof of Theorem A is incorrect, although Theorem A itself is true (Floyd, Stiefel-Whitney numbers of quaternionic and related manifolds, Trans. Amer. Math. Soc., 155 (1971), 77–94, and Segal, Divisibility conditions on characteristic numbers of stably symplectic manifolds, Proc. Amer. Math. Soc., 27 (1971), 411–415).

Correction to

ALMOST SMOOTH PERTURBATIONS OF SELF-ADJOINT OPERATORS

J. B. BUTLER

Volume 35 (1970), 297–306

(1) In condition (a) on p. 304 add the statement:

"f_1 even, f_2 odd, $|f_1| = |f_2|$"

(2) Change the inequality at the bottom of p. 304 to the following:

$$``\int_{-\infty}^{\infty} f_1^2 dx\left(\int_0^{\infty} |f_{n+1}|\, dx\right)^2 < (128)^{-1}"$$

(3) Replace the last two sentences at the bottom of p. 305 with the following:

"In this case we assume that A, B are real operators, $Au = f_2(x)(h_2, u)$, $Bu = f_1(x)u$, where f_1, f_2, f_3, g_2, g_3 are in $C(0, \infty) \cap L_1(0, \infty) \cap L_2(0, \infty)$, $||h_2|| = 1$, and

$$\int_0^{\infty} f_1^2 dx\left(\int_0^{\infty} |f_3|\, dx\right)^2 < (256)^{-1}$$

so that the perturbation is degenerate. Again $L^1 = L^0 + BA$ is almost smooth but not smooth with respect to L^0 [3, p. 381]."