

Werk

Titel: Mathematische Annalen

Verlag: Springer

Jahr: 1989

Kollektion: Mathematica

Werk Id: PPN235181684_0283

PURL: http://resolver.sub.uni-goettingen.de/purl?PID=PPN235181684_0283 | LOG_0051

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Georg-August-Universität Göttingen
Platz der Göttinger Sieben 1
37073 Göttingen
Germany
Email: gdz@sub.uni-goettingen.de

Erratum

Compact Differentiable 4-Folds with Quaternionic Structures

Ma. Kato

Department of Mathematics, Sophia University, Kioi-cho, Chiyoda-ku, Tokyo 102, Japan

Math. Ann. **248**, 79–96 (1980)

The statement of Proposition 8 in “compact differentiable 4-folds with quaternionic structures”, was incomplete and a subcase was missing. We add the following subcase to Proposition 8.

$$(v) \quad \{B_2, cv_{B_2}\} = (K \times \{c^3 I\}) \cup (cv_{B_2})(K \times \{c^3 I\}) \cup (cv_{B_2})^2(K \times \{c^3 I\}),$$

where $c \in \mathbf{R}$, $0 < c < 1$, and $v_{B_2} = \frac{1}{\sqrt{2}} \begin{pmatrix} \varrho_4^3 & \varrho_4^3 \\ \varrho_4 & -\varrho_4 \end{pmatrix}$.

Therefore, p. 95↑8, “...are involutions of S^3/H ” should read as “...are of order 2 or 3 as an element of the diffeomorphism group of S^3/H ”. The error was in (41). In case $K = B_2$, the possibility of $(\det g)^{-1/2} g = v_{B_2}$ was missing. This error had its origin in that of Lemma 4 in my previous paper “Topology of Hopf surfaces”, J. Math. Soc. Japan **27**, 222–238 (1975). The correction of that paper will appear in J. Math. Soc. Japan.

Acknowledgement. I am very much grateful to M. Ue who kindly informed me about the mistake.

Received October 17, 1988