ERRATA FOR “THE OCTONIONS”


- Page 146 — Though Kelvin argued against the use of quaternions, he did not favor vectors either.
- Page 171 — In fact \( \pi_3(O(4)) \cong \mathbb{Z} \oplus \mathbb{Z} \), so \([f_8]\) does not generate this group, but it does map to a generator of \( \pi_3(O(\infty)) \cong \mathbb{Z} \).
- Page 171 — In fact \( \pi_7(O(8)) \cong \mathbb{Z} \oplus \mathbb{Z} \), so \([f_0]\) does not generate this group, but it does map to a generator of \( \pi_7(O(\infty)) \cong \mathbb{Z} \).
- Page 171 — In fact \( \pi_7(S^4) \cong \mathbb{Z} \oplus \mathbb{Z}/12 \), so \([p_8]\) does not generate this group, but it does generate the \( \mathbb{Z} \) summand.
- Page 172 — In fact \( \pi_{15}(S^8) \cong \mathbb{Z} \oplus \mathbb{Z}/120 \), so \([p_0]\) does not generate this group, but it does generate the \( \mathbb{Z} \) summand.
- Page 173 — ‘Any real vector \( E \)’ should read ‘Any real vector bundle \( E \)’.
- Page 182 — ‘unique trilinear form’ should read ‘unique symmetric trilinear form’.
- Page 200 — There is an extra \( ] \) in the Jacobi identity.

Department of Mathematics, University of California, Riverside, California 92521
E-mail address: baez@math.ucr.edu

2000 Mathematics Subject Classification. Primary 17-02, 17A35, 17C40, 17C90, 22E70.

©2005 John C. Baez