ERRATUM TO "TRANSFORMATION GROUPS OF AUTOMORPHISMS OF \( C(X, G) \)"

J. S. YANG

The pair \((X, G)\) in Remark 5 and Theorem 6 should be assumed, in addition, to be an \(S\)-pair and that \(G\) is simple. The proof of Remark 5 now should be replaced by:

Indeed each \(M_p\) has the stated property. If \(M\) is an \(F\)-normal subgroup of \(C(X, G)\) with the stated property, then there is \(p \in \bigcap_{f \in M} Z(f)\), and \(M\) is a normal subgroup of \(C(X, G)\) contained in \(M_p\). Let \(\eta: C(X, G) \to C(X, G)/M\) be the natural map, and let \(\theta = \phi \cdot \eta: C(X, G) \to G\). Then \(\theta\) is a homomorphism with \(\ker \theta = M\), and \(\theta(M_p)\) is a normal subgroup of \(G\). Since \((X, G)\) is an \(S\)-pair, \(\theta(M_p) \neq G\). Hence \(\theta(M_p) = e\) since \(G\) is simple, and we have \(M = M_p\).

REFERENCE


ERRATUM TO "ON ISOMORPHIC GROUPS AND HOMEOMORPHIC SPACES"

J. S. YANG

The group \(G\) in Proposition 4, Theorems 8, 9, and 11 should be assumed, in addition, to be simple. Peter Nickolas has pointed out to the author that Theorems 8 and 11 were incorrectly stated.

REFERENCE