SUPPLEMENT TO THE PAPER

"ON COMPACT ONE-IDEMPOTENT SEMIGROUPS"

These Reports, Vol. 6, No. 1, March, 1954, pp. 17-21.

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We assume the Hausdorff space S to satisfy the first countability axiom, i.e.,

p. 21, the right part, line 11, References. Next to "a Hausdorff space," and "satisfying the first countability axiom."

Furthermore,

p. 21, the right part, line 21. Add at the end, "By compactness we mean sequential compactness."

It has seen that a part of the theory of one-idempotent semigroups is easily obtained from that of semigroups with zeroids due to Clifford. We shall report them in another article [1].

By the way, the problem is set.

Problem. Let S be a Hausdorff sequentially compact and topological semigroup. Does S contain an idempotent element?

Finally I express my heartfelt thanks for the guidance and advice of Prof. A. D. Wallace and Mr. N. Kimura.

[1] T. Tamura, Note on Unipotent inversible semigroups, Kōdai Math. Semi. Rep., 1954, pp. 93-95.

(*) Received October 12, 1954.