

**CHARACTERIZATION OF FINITE AMENABLE TRANSFORMATION
SEMIGROUPS: CORRIGENDUM**

C. O. WILDE

(Received 22 May 1972)

Communicated by G. B. Preston

Theorem 6 of Wilde (1971) is in error. Følner's condition is necessary, but not sufficient, for amenability of a τ -semigroup. For clearly sufficiency would imply that every finite τ -semigroup is amenable, and the simple example on p. 503 of Wilde (1971) shows that this is not so. We refer the reader to Namioka (1964) for a lucid explanation of the fundamental ideas involved.

The authors are grateful to the referee of Wilde (1973) for pointing out the error.

References

- I. Namioka (1964), 'Følner's condition for amenable semigroups', *Math. Scand.* **15**, 18–28.
- C. Wilde (1973), 'Characterization of finite amenable transformation semigroups', *J. Austral. Math. Soc.* **15**, 86–93.
- C. Wilde, T. Jayachandran (1971), 'Amenable transformation semigroups', *J. Austral. Math. Soc.* **12**, 502–510.

Naval Postgraduate School
Monterey
California, 93940
U. S. A.