Erratum: Limit of Classical Projections of Quantum Mechanics as $h \rightarrow 0$

Marcel Polakovič¹

The version of Theorem 2 in Polakovič (1998) may not hold true in general. There is a mistake in the proof. As the proof of Theorem 3 is based on Theorem 2, Theorem 3 also may not hold true in general. Fortunately, it is possible to add one more assumption to Theorem 2 so that it holds. Theorem 3 with this added assumption also holds because the other considerations in the paper are correct. The correct versions of Theorem 2 and Theorem 3 are given as Theorems 1 and Theorem 2, respectively, in the accompanying paper in the present issue (Polakovič, 2001). The proof of Theorem 1 of the new paper (i.e., the corrected version of Theorem 2 in the original paper) is also given.

REFERENCES

M. Polakovič (1998). Int. J. Theor. Phys. 37, 2923–2934.
M. Polakovič (2001). Int. J. Theor. Phys. 40(3), 153–163.

¹ Department of Mathematics, Faculty of Electrical Engineering and Information Technology, Slovak University of Technology, Bratislava, Slovakia; e-mail: polakovic@kmat.elf.stuba.sk