PUBLISHER'S NOTICE

AN ALGORITHM FOR THE INVERSE SOLUTION OF GEODESIC SAILING WITHOUT AUXILIARY SPHERE – PUBLISHER'S NOTICE

Wei-Kuo Tseng

It has been brought to the attention of the publishers that certain sections of Tseng (2014) are remarkably similar to parts of Karney (2013) and have not been adequately attributed. In addition, some of the material from Karney (2013) has been incorrectly used. The Editor-in-Chief of *The Journal of Navigation* and Cambridge University Press take an extremely serious view of any and all instances of plagiarism, no matter what the degree. In this instance, the injured author wishes the record to be set straight and the work that is his clearly highlighted. The publishers also wish to convey their sincere apologies to Dr. Karney for the injury caused in this matter.

To correct this matter, the following corrections to Tseng (2014) are made:

Page 835, in paragraph 1 in Section 4, replace "Thus, the inverse problem inevitably becomes a root-finding exercise." by "Recently, Karney (2013) reduced this as a one-dimensional root-finding problem which can be solved by well-known techniques. The following paraphrases Karney's description of the method:"

In Page 835, in paragraph 2 of Section 4 replace: "Solve the hybrid geodesic problem: given β_1, β_2, and β_V, find the calculated λ_{12} corresponding to the first intersection of the geodesic with the parallel of latitude β_2 which the resulting longitude difference of given initial λ_{12} in general cases; so adjust β_V using Newton's method, secant method, or other root-finding methods until the correct λ_{12} is obtained" with the following more clear statement:

"Solve the hybrid geodesic problem: given β_1, β_2, and β_V, compute the longitude difference λ_{12} corresponding to the first intersection of the geodesic with the circle of latitude ϕ_2. The resulting λ_{12} differs, in general, from the given λ_{12}; so adjust β_V using Newton's method, secant method, or other root-finding methods until the correct λ_{12} is obtained."

REFERENCES

Karney, C.F.F. (2013). Algorithms for Geodesics. *The Journal of Geodesy*, **87**, 43–55, doi:10.1017/S00190-012-0578-Z.

Tseng, W. K. (2014). An Algorithm for the Inverse Solution of Geodesic Sailing without Auxiliary Sphere. *The Journal of Navigation*, **67**, 825–844, doi:10.1017/S0373463314000228.