The requested changes are as follows:

**Page 5, line 67 (TS2):**

The indicated dimension of the last matrix (R^w) is incorrect. The two “N\_v+3” should be replaced by “N\_v+1”, as for “S^w”, on line 71.

Explanation: These are the dimension of a reflection matrix, in the open-water subdomains. As in these regions the potential is a superposition of N\_v+1 modes, the correct dimension of the matrix is

“N\_v+1 times N\_v+1”.