

**Erratum:**

There is an error in equation (2) on page 3. The equation fails to include the weighing of a voxel update by  $w_{ij}$  and a subsequent normalization by the sum of weights for all rays in the subset. The equation should read similarly to this one:

$$v_j^{(k)} = v_j^{(k-1)} + \lambda \frac{\sum_{p_i \in P_\phi} \left( \frac{p_i - \sum_{n=1}^N w_{in} v_n^{(k-1)}}{\sum_{n=1}^N w_{in}} \right) w_{ij}}{\sum_{p_i \in P_\phi} w_{ij}}$$

The  $P_\phi$  term in this equation is  $OS_S$  in equation (2). Other notational differences are that the separate equation for the ray  $r_i$  in equation (2) was integrated into this equation, and the iterations  $(k)$  and  $(k-1)$  are iterations  $(k+1)$  and  $(k)$  in equation (2), respectively. The crucial difference is that the weight factor  $w_i$  and the sum of weights term in the bottom-most denominator in this equation are missing in equation (2), but should be there.