1. The formula for $\overline{\bar{p}}_{2}$ in Algorithm 2 is erroneous. Correctly it is $\overline{\bar{p}}_{2}=\sum_{u \in \mathcal{U}} p_{u} p_{u}^{T} \bar{q}$ as it is written in the left column of page 4.
2. There is an error in expressing the $q_{i}$ that sets $\partial f_{R} / \partial q_{i}$ to zero. The quantities $\tilde{q}=$ $\sum_{j \in \mathcal{I}} s_{j} q_{j}$ and $\bar{q}=\sum_{j \in \mathcal{I}} c_{u j} q_{j}$ are incorrectly treated as if they were independent of $q_{i}$ and thus they are incorporated into $y$ in the $Q$-step of Algorithm 2. To fix this issue, $\left(\bar{A} s_{i}+\sum_{u \in \mathcal{U}} p_{u} p_{u}^{T} c_{u i}\right) q_{i}$ should be subtracted from $y$ and $\left(\bar{A} s_{i}+\sum_{u \in \mathcal{U}} p_{u} p_{u}^{T} c_{u i}\right)$ should be subtracted from $M$ before setting $q_{i}$ to $M^{-1} y$.
Interestingly, this error did not break the algorithm down, probably because the dependence of $\tilde{q}$ and $\bar{q}$ on $q_{i}$ is weak. I believe that fixing this issue would give a small accuracy gain.
