

RECTIFICATION FOR THE EUROIMSA2008 PAPER

The published version of EuroIMSA2008 paper contains an important erratum. In the bandwidth distribution formula for the `WeightStream` stream hierarchy node, the current weight value of the child, w_i should actually appear twice, as follows:

$$BW_i = w_i * MaxBW_i * \frac{BW}{\sum_i (w_i * MaxBW_i)}$$

In other words, the total amount of bandwidth available to the `WeightStream` node (denoted by BW in the formula) should be scaled with regard to the combined **weighted** maximal bandwidth usage of all of its children instead of only considering the children's maximal bandwidth usage. By using the combined weighted maximal bandwidth usage, the fraction enforces that, after executing the initial phase of `WeightStream`'s operation, the collective amount of bandwidth assigned to all children does not exceed the total amount of bandwidth available to the `WeightStream` node (i.e. $\sum_i BW_i \leq BW$).