Minimizing and Optimizing the Error Function

The problem with these methods is that you must calculate the error function three times

Minimizing and Optimizing the Error Function

In the previous case we only had the i and j index values on both sides, so only a single differential element would survive the summations. In this case however, we have the k index and there are dependencies of  $h_j$  on  $w_k$ , so we cannot drop the all the sums up front