
Algorithm 1 Sparse Channel Taps Selection

procedure SELECTCHANNELTAPS(h, N)

$M \leftarrow \text{length}(h)$

for $i \leftarrow 1$ to M **do**

$h_{abs}[i] \leftarrow |h[i]|$

end for

 Find the indices of the N largest values in h_{abs} and store them in *indices*

for $j \leftarrow 1$ to M **do**

if j is not in *indices* **then**

$h_{abs}[j] \leftarrow 0$

end if

end for

return h

end procedure
