Decompositions.TensorDecomp.uniformEdgeSet

Table of Contents

takes the incidence matrix of a hypergraph and returns a matrix representing the hyperedge set of the hypergraph. Each row is a hyperedge.

Syntax

Input

Output

Disclaimer

Code

```
function hyperedgeSet = uniformEdgeSet(HG)
H = HG.IM;
k = sum(H(:,1), 1);
hyperedgeSet=ones(size(H,2), k);
for i=1:size(H,2)
   e=H(:,i);
   ind=find(e>0);
   hyperedgeSet(i, :) = ind;
end

end
```

Published with MATLAB® R2021b