

NAME

hi_embed - Tool for high dimensional embedding.

VERSION

Version 0.1

SYNOPSIS

hi_embed input_int_file output_coord_file [-c *cut_percent* output_int_file] [-d *dimensions*] [-e *dimensions*]
[-h] [-n *notice_level*] [-o *node_file*] [-z]

DESCRIPTION

This program will generate coordinates from a graph using a high dimensional embedding approach described by Harel and Koren. For a description of file formats, see pvxord (1).

PARAMETERS

-c *cut_percent* *output_int_file*

Cut a percentage of edges with the largest multiplicity lengths. The multiplicity length is the length of the edge times the square root of the number of edges for the first node times the square root of the number of edges for the second node. Percent should be between 0 and 1.

-d *dimensions*

Number of *dimensions* used for graph drawing. (2 or 3)

-e *dimensions*

Number of *dimensions* to be used for embedding

-h Print out the man page for help

-n *notice_level*

Set the degree of program output. Use:

-n 0 No output
-n 10 Normal program output
-n 20 Parameters useful for reproducing the results
-n 30 All output

-o *node_file*

Output the pivot nodes to the specified file.

-z Project the results onto a sphere.

AUTHORS

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