10-D5

图

广度优先搜索：应用

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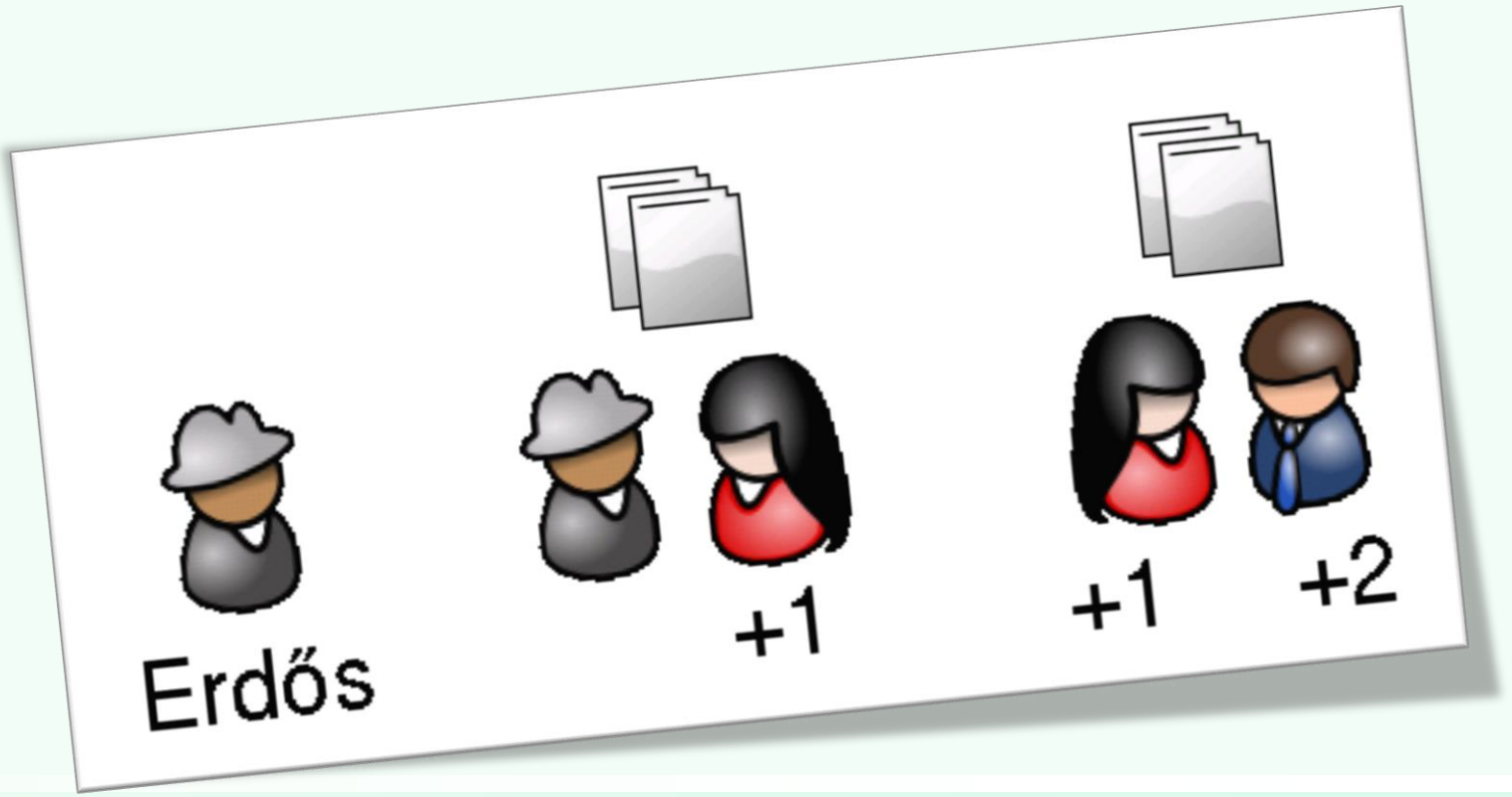
啊，五环，你比四环多一环；啊，五环，你比六环少一环

Erdös Number

- Describes the "collaborative distance"

  between mathematician Paul Erdős and another person,

  as measured by authorship of mathematical papers



Chow Number

- chow（吴孟达）= 1

  [整蛊专家]（1）　*周星驰 +吴孟达　成奎安　刘德华　关之琳　邱淑贞

- chow（葛优）= 2

  [没完没了]（2）　+葛优　*吴倩莲　傅彪

  [97家有喜事]（1）　*周星驰 +吴倩莲　吴镇宇　钟丽缇　伍咏薇　黄百鸣

- chow（姜昆）= 3

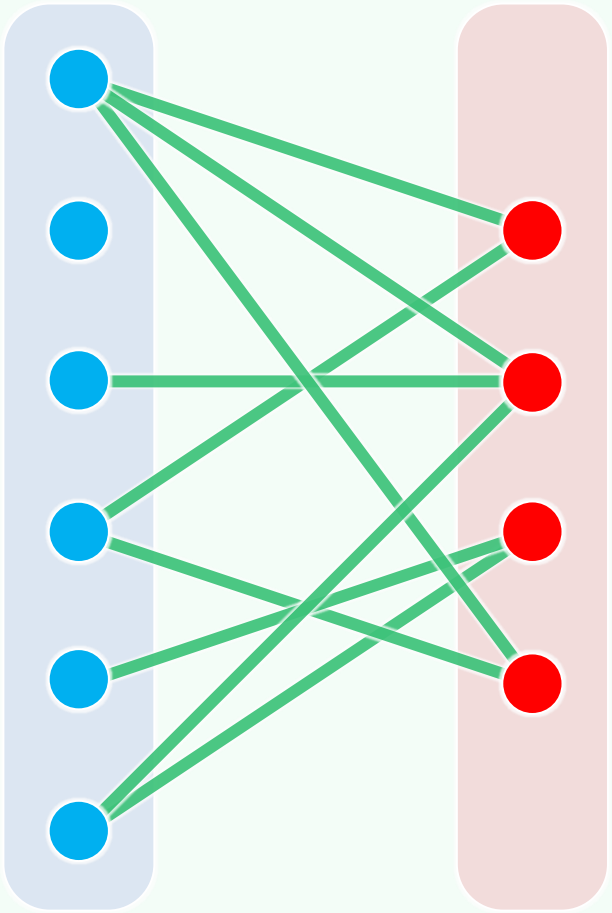
  [京都球侠]（3）　*张丰毅　孙敏　+姜昆　陈佩斯　于绍康　唐杰忠

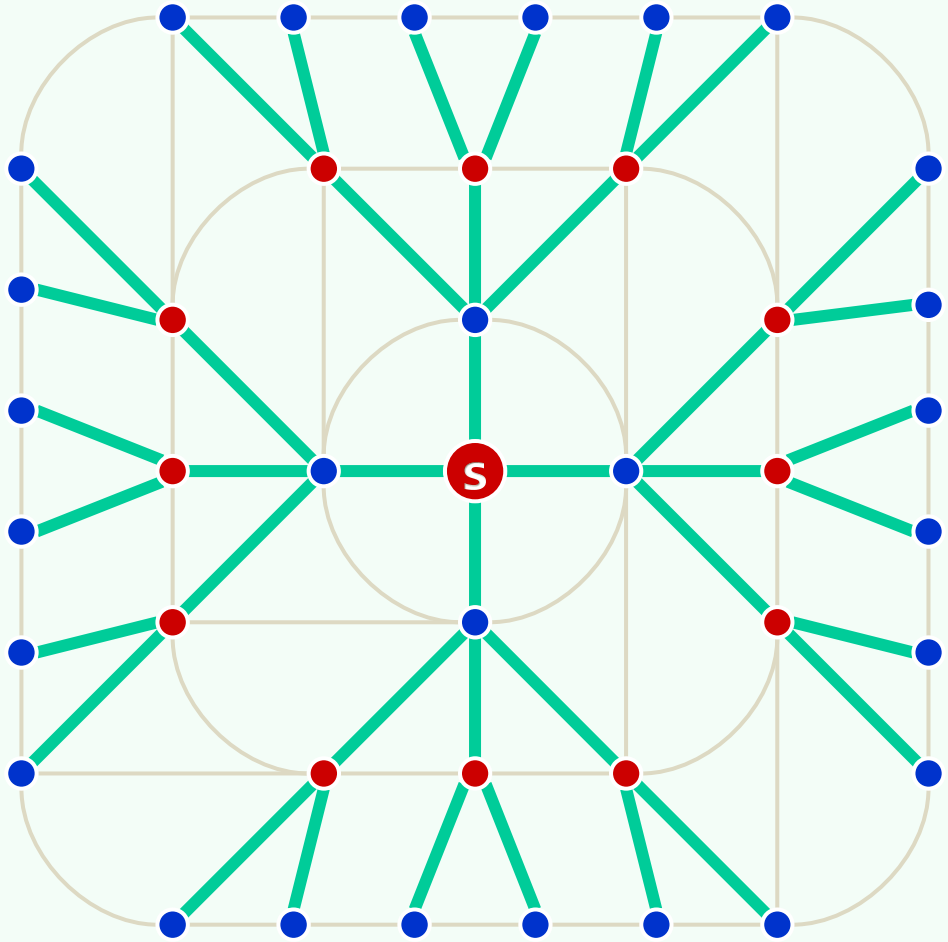
  [热线追击]（2）　+张丰毅　任达华　王馨平 *吴家丽

  [审死官]（1）　*周星驰　吴孟达 +吴家丽　秦沛　朱咪咪　梅艳芳

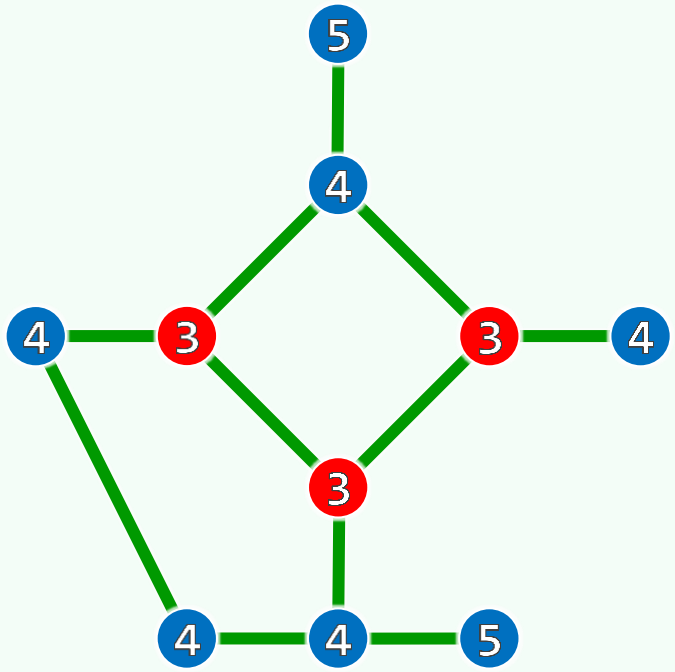
- chow ("Julia Roberts") = Infinity

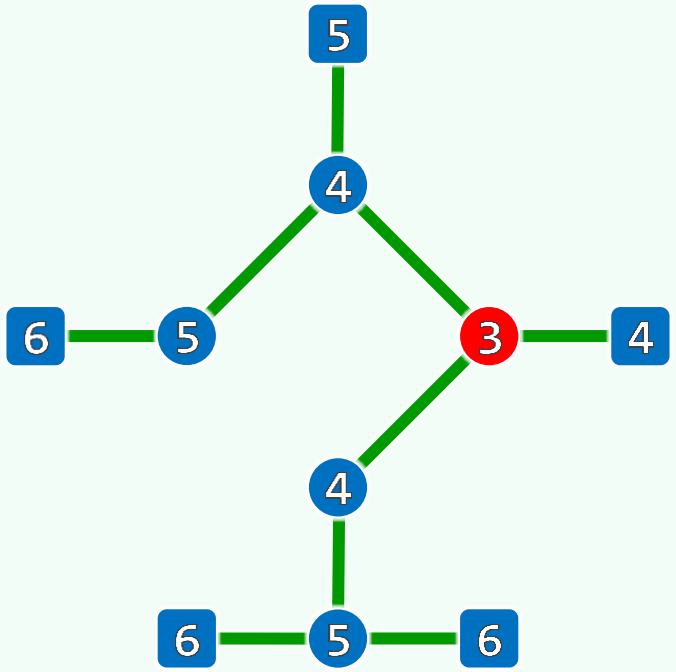
Bipartite Graph (Bigraph)

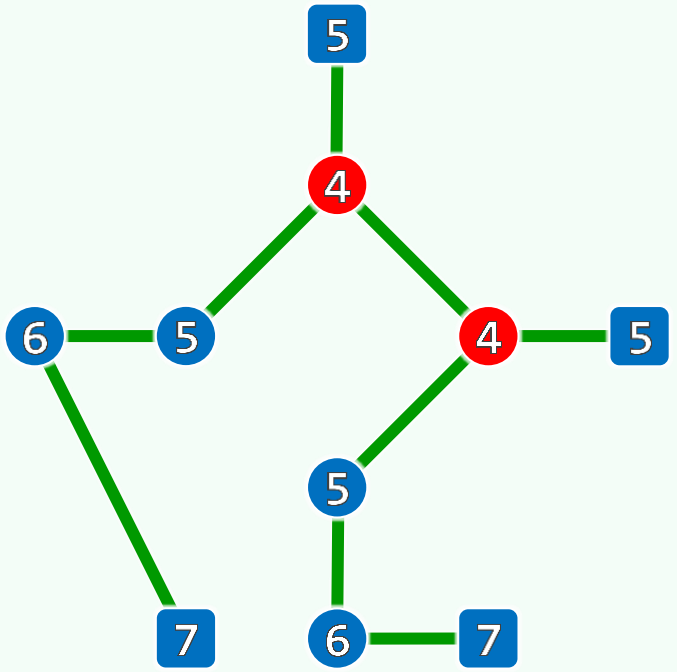




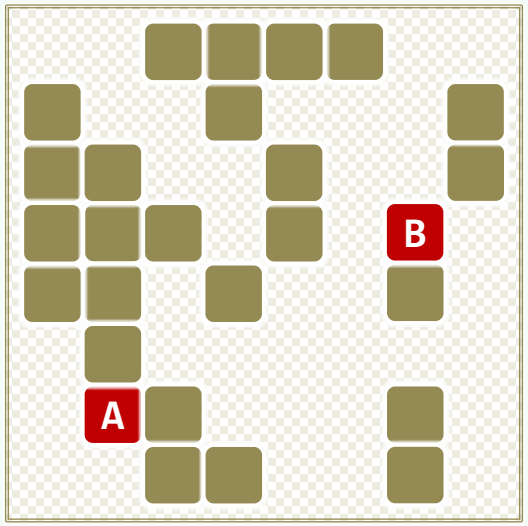
Eccentricity/Radius/Diameter/Center

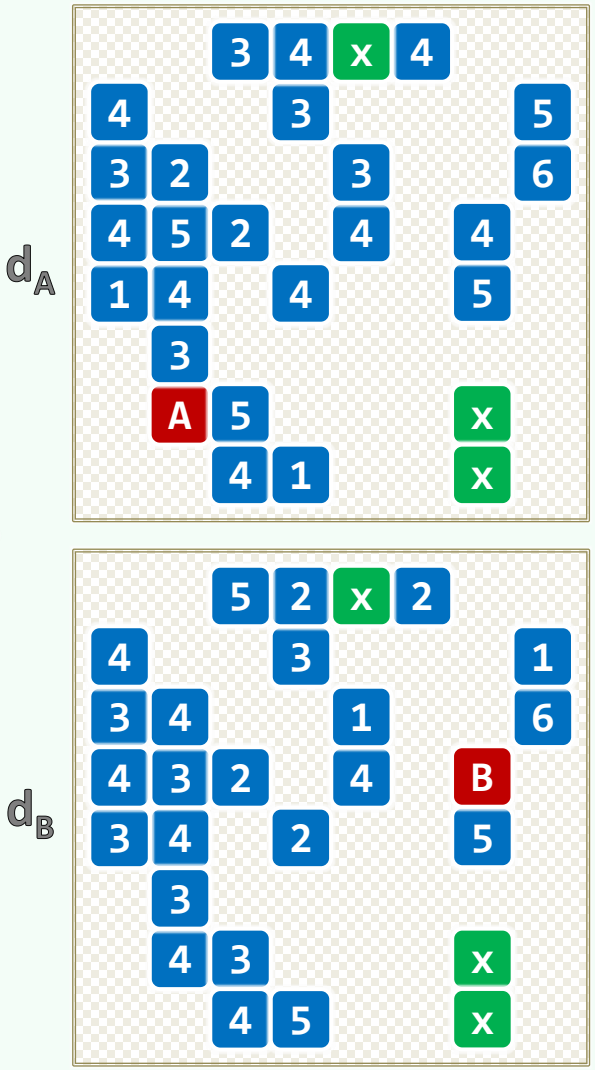


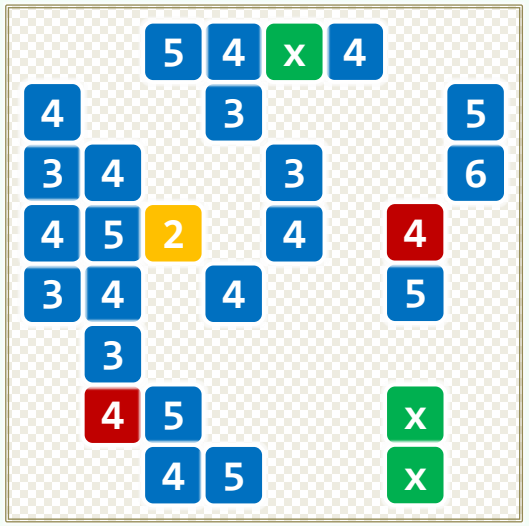




Knights of the Round Table







$\max\{d_A, d_B\}$