Лабораторная работа №6, вариант 62, Удод Алексей 3ПМ

Матрица инцидентности:

[15, 12, 12, 0, -12, 0, -18, 0, 0, 0, 0, 0, 0, 0, 0, 0]

[-15, 0, 0, 14, 0, 0, 0, 0, 0, 0, 0, 0, -12, 0, -14, 0]

[0, -12, 0, 0, 12, 13, 0, 0, 0, 0, 0, 0, 0, 0, 0, 0]

[0, 0, 0, 0, 0, 0, 18, 11, 15, 16, -13, 0, 0, -15, 0, -12]

[0, 0, 0, 0, 0, -13, 0, 0, 0, 0, 13, 13, 0, 0, 0, 0]

[0, 0, -12, -14, 0, 0, 0, -11, 0, 0, 0, 0, 12, 15, 0, 0]

[0, 0, 0, 0, 0, 0, 0, 0, -15, 0, 0, 0, 0, 0, 14, 12]

[0, 0, 0, 0, 0, 0, 0, 0, 0, -16, 0, -13, 0, 0, 0, 0]

Матрица смежности:

[0, 15, 12, 18, 00, 12, 00, 00]

[15, 0, 00, 00, 00, 12, 14, 00]

[12, 00, 0, 00, 13, 00, 00, 00]

[18, 00, 00, 0, 13, 15, 12, 16]

[00, 00, 13, 13, 0, 00, 00, 13]

[12, 12, 00, 15, 00, 0, 00, 00]

[00, 14, 00, 12, 00, 00, 0, 00]

[00, 00, 00, 16, 13, 00, 00, 0]

Кратчайшие пути:

[0, 15, 12, 18, 25, 12, 29, 34],

[15, 0, 27, 26, 39, 12, 14, 42],

[12, 27, 0, 26, 13, 24, 38, 26],

[18, 26, 26, 0, 13, 15, 12, 16],

[25, 39, 13, 13, 0, 28, 25, 13],

[12, 12, 24, 15, 28, 0, 26, 31],

[29, 14, 38, 12, 25, 26, 0, 28],

[34, 42, 26, 16, 13, 31, 28, 0]