
Conclusion:

There are no possible isotropy weights for multigraph \sharp There are no possible isotropy weights for multigraph $\mbox{\em 2}$ There are no possible isotropy weights for multigraph $\mbox{\em {\tt \#}}$ There are no possible isotropy weights for multigraph $<math>\sharp$ There are no possible isotropy weights for multigraph $<math> \pm$ There are no possible isotropy weights for multigraph \sharp There are no possible isotropy weights for multigraph $<math>\sharp$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $<math>\sharp$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $\mbox{\em 11}$ There are no possible isotropy weights for multigraph $<math>\sharp$ There are no possible isotropy weights for multigraph # 13 There are no possible isotropy weights for multigraph \sharp There are no possible isotropy weights for multigraph $\mbox{\em 15}$ There are no possible isotropy weights for multigraph # 16 There are no possible isotropy weights for multigraph # 17 There are no possible isotropy weights for multigraph # 18 There are no possible isotropy weights for multigraph # 19 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph # 21 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph # 23 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph # 26 There are no possible isotropy weights for multigraph $\mbox{\em {\tt \#}}$ There are no possible isotropy weights for multigraph $\mbox{\em \pm }$ There are no possible isotropy weights for multigraph $\mbox{\em {\tt \#}}$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $<math>\sharp$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph # 33 There are no possible isotropy weights for multigraph # 34 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph # 38 There are no possible isotropy weights for multigraph # 39 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $\mbox{\em \pm 41}$ There are no possible isotropy weights for multigraph $\mbox{\em \#}$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph \sharp There are no possible isotropy weights for multigraph $\mbox{\em \pm 45}$ There are no possible isotropy weights for multigraph # 46 There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $\mbox{\em \pm }48$ There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph \pm There are no possible isotropy weights for multigraph $<math>\pm$ There are no possible isotropy weights for multigraph $\mbox{\em 52}$ There are no possible isotropy weights for multigraph ${\scriptstyle \pm}$ There are no possible isotropy weights for multigraph $\mbox{\em 54}$ There are no possible isotropy weights for multigraph \pm There are no possible isotropy weights for multigraph $\ensuremath{\pm}$ There are no possible isotropy weights for multigraph \pm There are no possible isotropy weights for multigraph $\mbox{\em \pm 58}$ There are no possible isotropy weights for multigraph \pm There are no possible isotropy weights for multigraph $\mbox{\em \pm 60}$ There are no possible isotropy weights for multigraph $<math>\pm$

There are no possible isotropy weights for multigraph $<math>\sharp$ 62

There are no possible isotropy weights for multigraph \pm 63 There are no possible isotropy weights for multigraph \pm 64 There are no possible isotropy weights for multigraph \pm 65 There are no possible isotropy weights for multigraph \pm 66

All Possible Isotropy Weights for Multigraph $\sharp 67$:

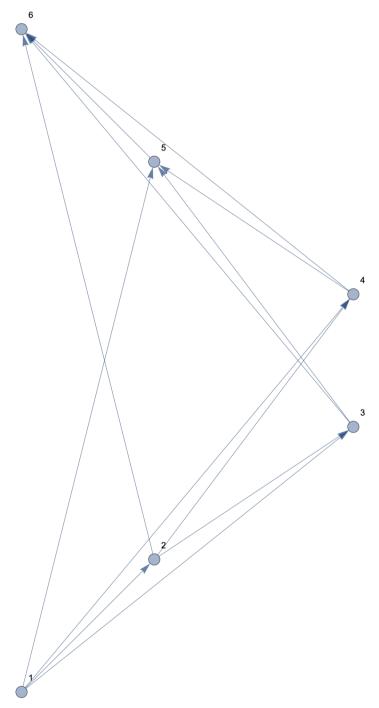
There are at most 2 solutions:

 $\left\{ \left\{ b[1], b[2], -b[1] + 2 b[2], -2 b[1] + 3 b[2] \right\}, \left\{ -b[1], -b[1] + b[2], -b[1] + 2 b[2], -b[1] + 3 b[2] \right\}, \left\{ b[1] - 3 b[2], -b[2], -b[1] + b[2], -b[1] + 3 b[2] \right\}, \left\{ b[1] - 3 b[2], b[1] - b[2], b[1] - b[2], b[1] - 2 b[2$

c1^4= 288 c1^2c2= 168 c2^2= 98

 $\left\{ \left\{ b[1], \frac{2b[1]}{3} + \frac{b[2]}{3}, \frac{b[1]}{3} + \frac{2b[2]}{3}, b[2] \right\}, \left\{ -b[1], -\frac{b[1]}{3} + \frac{b[2]}{3}, \frac{b[1]}{3} + \frac{2b[2]}{3}, b[1] + b[2] \right\}, \left\{ \frac{b[1]}{3} - \frac{b[2]}{3}, \frac{2b[1]}{3} + \frac{b[2]}{3}, -b[2], b[1] + b[2] \right\}, \\ \left\{ -b[1] - b[2], -\frac{2b[1]}{3} - \frac{b[2]}{3}, -\frac{b[1]}{3} + \frac{b[2]}{3}, b[2] \right\}, \left\{ b[1], -b[1] - b[2], -\frac{b[1]}{3} - \frac{2b[2]}{3}, \frac{b[1]}{3} - \frac{b[2]}{3} \right\}, \left\{ -b[1], -\frac{b[1]}{3} - \frac{2b[2]}{3}, -\frac{2b[1]}{3} - \frac{b[2]}{3}, -b[2] \right\} \right\}$

c1^4= 288 c1^2c2= 168 c2^2= 98



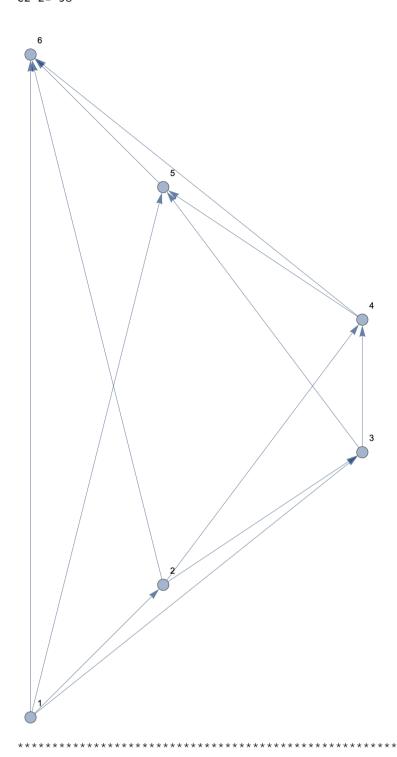
There are no possible isotropy weights for multigraph \sharp 68 There are no possible isotropy weights for multigraph \sharp 69 There are no possible isotropy weights for multigraph \sharp 70 There are no possible isotropy weights for multigraph \sharp 71 There are no possible isotropy weights for multigraph \sharp 72 There are no possible isotropy weights for multigraph \sharp 73 There are no possible isotropy weights for multigraph \sharp 74

All Possible Isotropy Weights for Multigraph #75:

There are at most 1 solutions:

 $\{\{1, 2, 3, 4\}, \{-1, 1, 3, 5\}, \{-4, -1, 2, 5\}, \{-5, -2, 1, 4\}, \{-5, -3, -1, 1\}, \{-4, -3, -2, -1\}\}$

c1^4= 288 c1^2c2= 168 c2^2= 98



There are no possible isotropy weights for multigraph \pm 76 There are no possible isotropy weights for multigraph \pm 77 There are no possible isotropy weights for multigraph \pm 78