

Cycle Run: [0, -1, -3, 0, 4]

Ch poly: $4 (1 + 2x)^2 (x)^{21}$

R , [18, 18, 17, 17, 16, 16, 15, 15, 14, 14, 13, 13, 12, 12, 11, 11, 10, 10, F, F, E, E, D, D]

B , [C, C, B, B, A, A, 9, 9, 8, 8, 7, 7, 6, 6, 5, 5, 4, 4, 3, 3, 2, 2, 1, 1]

pi-weights

[1, 1]

indegree sequence

[2, 2]

Cycles	P-Weights	Cycle-Wts	Length
[1, 12, 19, 3, 23]	5	1	5
[1, 24]	2	1	2
[2, 12, 7, 21]	4	1	4
[2, 24, 13, 6, 22]	5	1	5
[3, 11, 7, 9, 20]	5	1	5
[4, 11, 19, 15, 17]	5	1	5
[4, 23, 13, 18]	4	1	4
[5, 10, 20, 15]	4	1	4
[5, 22, 14, 18, 16]	5	1	5
[6, 10, 8, 21, 14]	5	1	5
[8, 9]	2	1	2
[16, 17]	2	1	2
Scale	48	48	

Ordered Lengths

[2, 2, 2, 4, 4, 4, 5, 5, 5, 5, 5, 5]