

Number of vertices: 5

Edges: $[[2, 3], [4, 5]]$

Connected components: $[[1], [2, 3], [4, 5]]$

"Connected" components after grouping external vertices: $[[1], [2, 3], [4, 5]]$

Number of initial permutations = $n! = 120$

Number of quasi-linked permutations = 80

Number of non-equivalent quasi-linked permutations = 9

Table:

π	weight	
$(12)(34)$	8	
$(12)(345)$	-8	
(1234)	-16	
(12345)	8	
(1243)	-8	
(12453)	8	
(124)	8	
$(124)(35)$	-8	
(12435)	8	

Diagrams:

