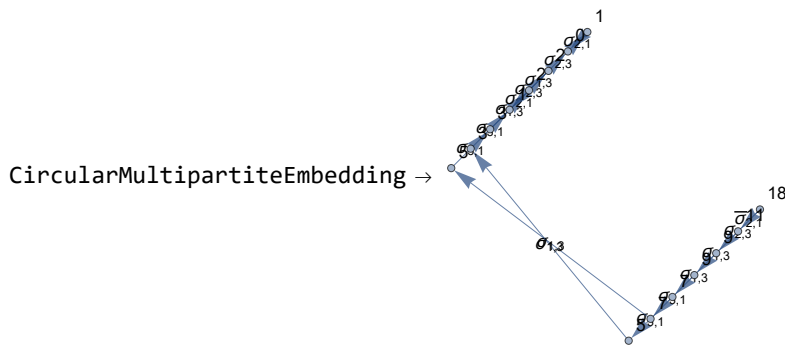
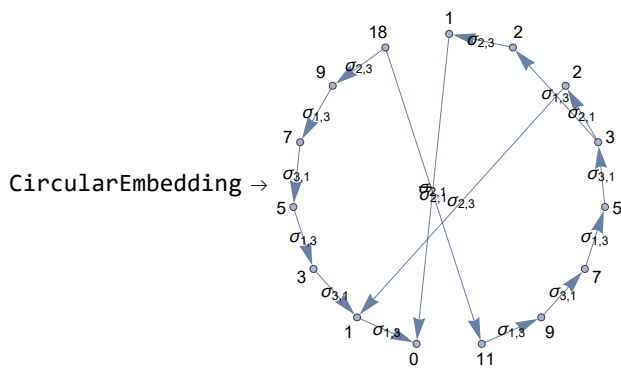
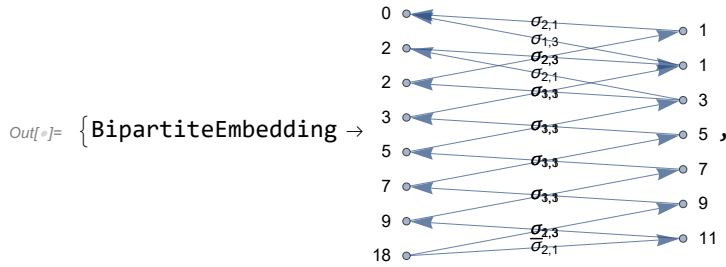


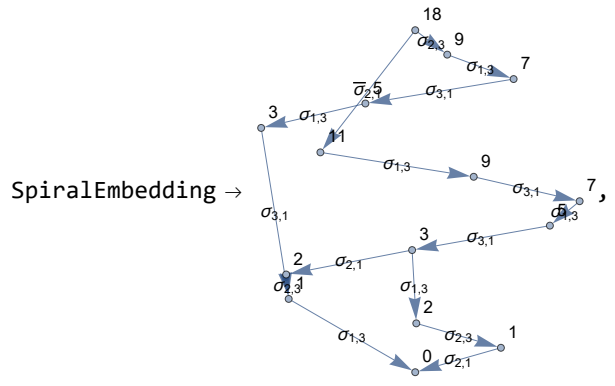
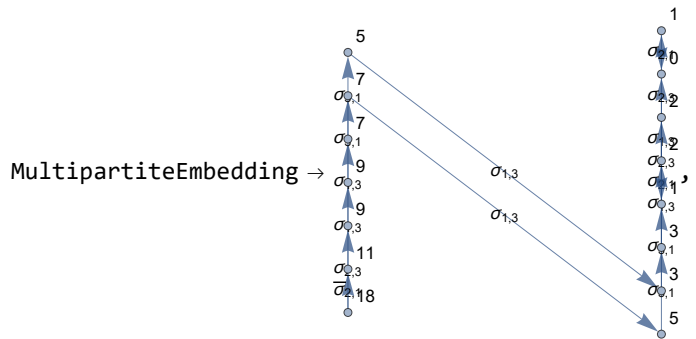
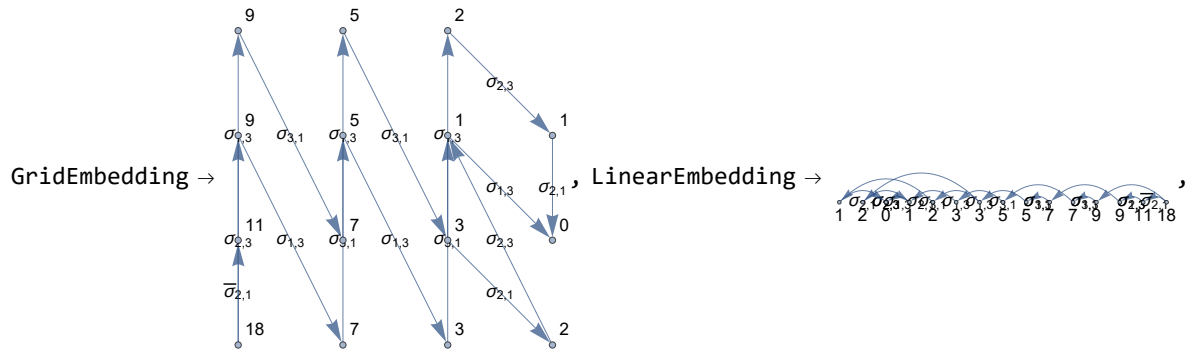
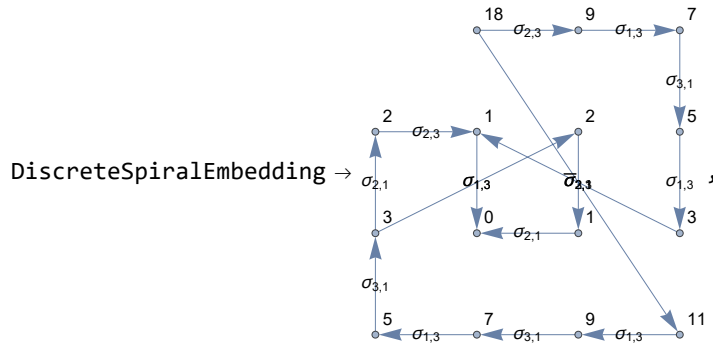
Pensieve header: Experiments with graph layouts.

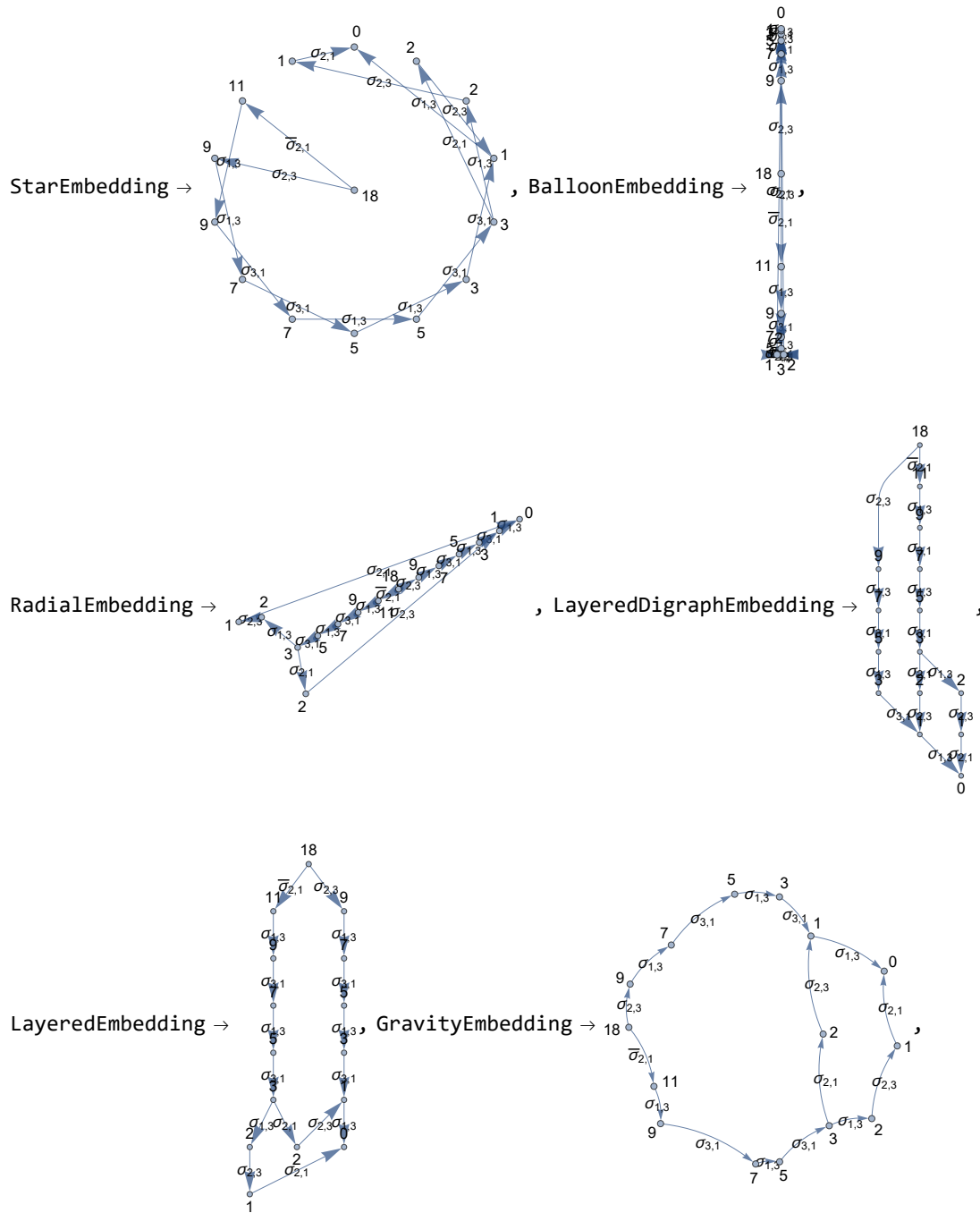
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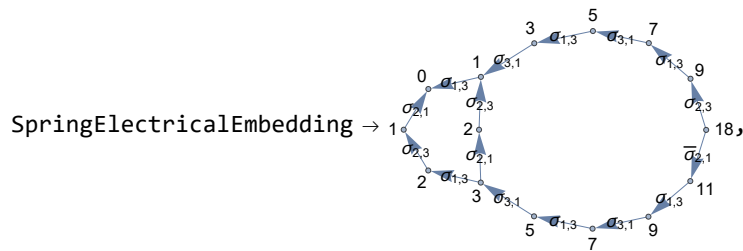
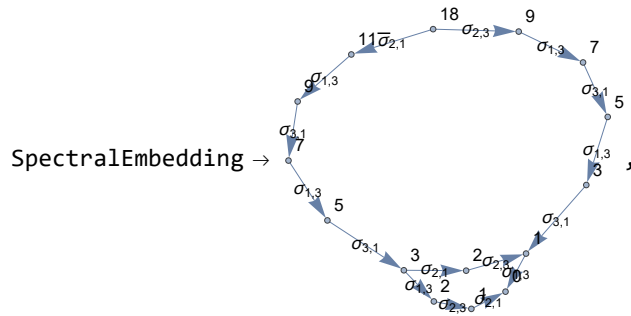
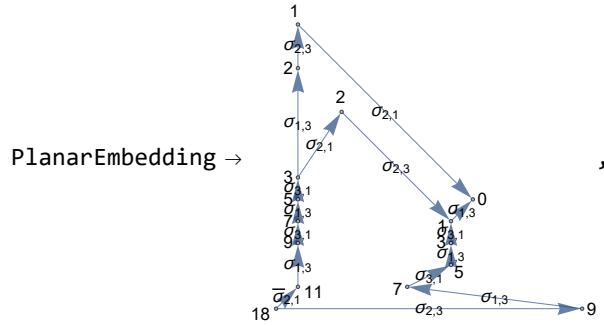
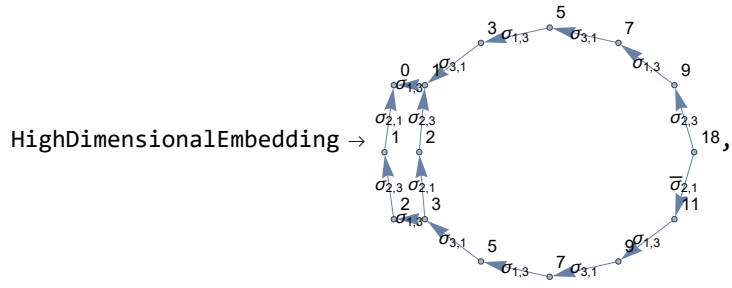
In[ ]:= Table[1 -> EG[VPB[3,  $\sigma_{2,3}$ ,  $\sigma_{1,3}$ ,  $\sigma_{3,1}$ ,  $\sigma_{1,3}$ ,  $\sigma_{3,1}$ ,  $\sigma_{1,3}$ ], GraphLayout -> 1],
  {1, {"BipartiteEmbedding", "CircularEmbedding", "CircularMultipartiteEmbedding",
    "DiscreteSpiralEmbedding", "GridEmbedding", "LinearEmbedding", "MultipartiteEmbedding",
    "SpiralEmbedding", "StarEmbedding", "BalloonEmbedding", "RadialEmbedding",
    "LayeredDigraphEmbedding", "LayeredEmbedding", "GravityEmbedding",
    "HighDimensionalEmbedding", "PlanarEmbedding", "SpectralEmbedding",
    "SpringElectricalEmbedding", "SpringEmbedding", "TutteEmbedding"}}
]

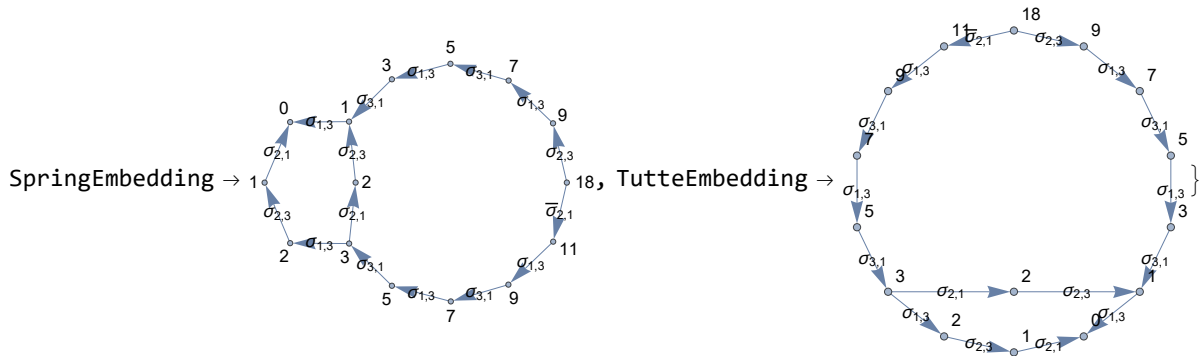
```







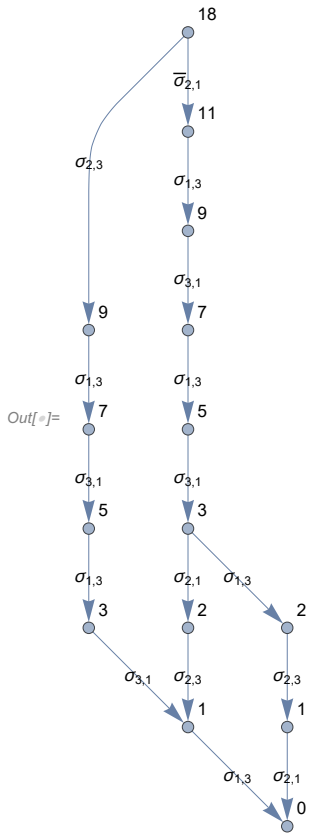




In[ ]:= **g // FullForm**

```
Out[ ]//FullForm= Graph[List[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15],
  List[DirectedEdge[1, 2], DirectedEdge[1, 3], DirectedEdge[2, 4],
    DirectedEdge[3, 5], DirectedEdge[4, 6], DirectedEdge[5, 7], DirectedEdge[6, 8],
    DirectedEdge[7, 9], DirectedEdge[8, 10], DirectedEdge[9, 11],
    DirectedEdge[10, 12], DirectedEdge[10, 13], DirectedEdge[11, 14],
    DirectedEdge[12, 15], DirectedEdge[13, 11], DirectedEdge[15, 14]],
  List[Rule[EdgeLabels, List[Rule[DirectedEdge[9, 11], Subscript[\[Sigma], 3, 1],
    Rule[DirectedEdge[10, 13], Subscript[\[Sigma], 2, 1],
    Rule[DirectedEdge[2, 4], Subscript[\[Sigma], 1, 3], Rule[DirectedEdge[10, 12],
    Subscript[\[Sigma], 1, 3], Rule[DirectedEdge[5, 7], Subscript[\[Sigma], 3, 1],
    Rule[DirectedEdge[8, 10], Subscript[\[Sigma], 3, 1], Rule[DirectedEdge[7, 9],
    Subscript[\[Sigma], 1, 3], Rule[DirectedEdge[13, 11], Subscript[\[Sigma], 2, 3],
    Rule[DirectedEdge[12, 15], Subscript[\[Sigma], 2, 3], Rule[DirectedEdge[1, 3],
    Subscript[\[Sigma], 2, 3], Rule[DirectedEdge[11, 14], Subscript[\[Sigma], 1, 3],
    Rule[DirectedEdge[15, 14], Subscript[\[Sigma], 2, 1], Rule[DirectedEdge[3, 5],
    Subscript[\[Sigma], 1, 3], Rule[DirectedEdge[4, 6], Subscript[\[Sigma], 3, 1],
    Rule[DirectedEdge[1, 2], Subscript[OverBar[\[Sigma]], 2, 1]],
    Rule[DirectedEdge[6, 8], Subscript[\[Sigma], 1, 3]]],
  Rule[VertexLabels, List[Rule[6, 7], Rule[3, 9], Rule[11, 1], Rule[5, 7],
    Rule[8, 5], Rule[7, 5], Rule[14, 0], Rule[10, 3], Rule[9, 3], Rule[4, 9],
    Rule[12, 2], Rule[13, 2], Rule[2, 11], Rule[15, 1], Rule[1, 18]]]]]
```

```
In[ ]:= Show[g, GraphLayout -> "SpringElectricalEmbedding"]
```



```
In[ ]:= Table[1 -> EG[BR[8, {1, 3, 5, 7}], GraphLayout -> l],
  {1, {"BipartiteEmbedding", "CircularEmbedding", "CircularMultipartiteEmbedding",
    "DiscreteSpiralEmbedding", "GridEmbedding", "LinearEmbedding", "MultipartiteEmbedding",
    "SpiralEmbedding", "StarEmbedding", "BalloonEmbedding", "RadialEmbedding",
    "LayeredDigraphEmbedding", "LayeredEmbedding", "GravityEmbedding",
    "HighDimensionalEmbedding", "PlanarEmbedding", "SpectralEmbedding",
    "SpringElectricalEmbedding", "SpringEmbedding", "TutteEmbedding"}}
]
```

