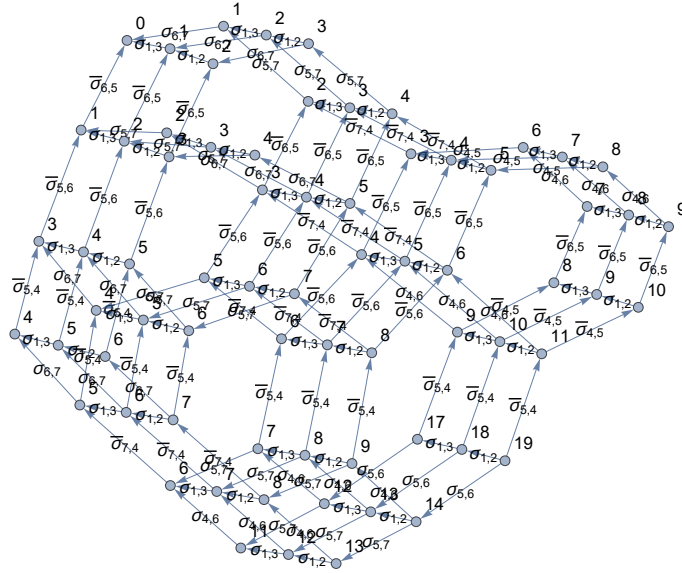


Pensieve header: Graphs for Dylan, extracted from notebooks in pensieve://Projects/OU/ .

```
In[*]:= While[True, Print[ExtractionGraph[
    Echo@RandomBraid[RandomChoice[{3, 4, 5, 6, 7}], RandomChoice[{8, 10, 12, 16, 20}]]]]]
```

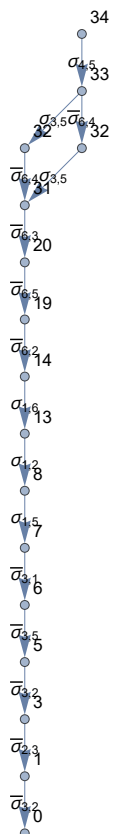
```
» BR[7, {1, -4, 2, 3, 5, -6, -3, -4, 5, 4}]
```



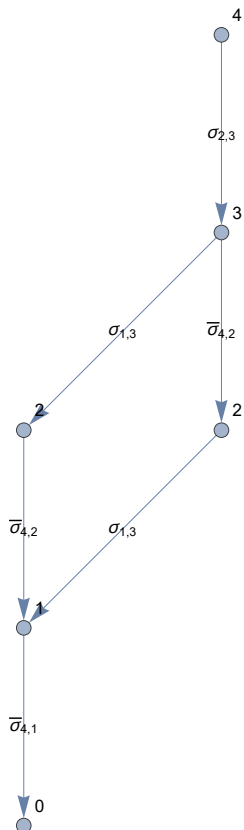
```
» BR[3, {2, 1, -2, 2, -2, 1, 2, -2, -1, -1, 1, 2}]
```



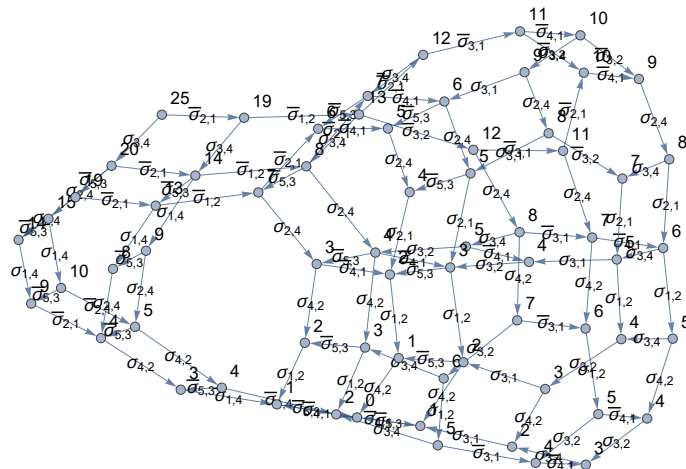
```
» BR[6, {-5, -4, -5, 5, -4, 1, 4, -3, 2, 5, -1, -3, 4, -2, -2, 5, -2, -5, -2, 2}]
```



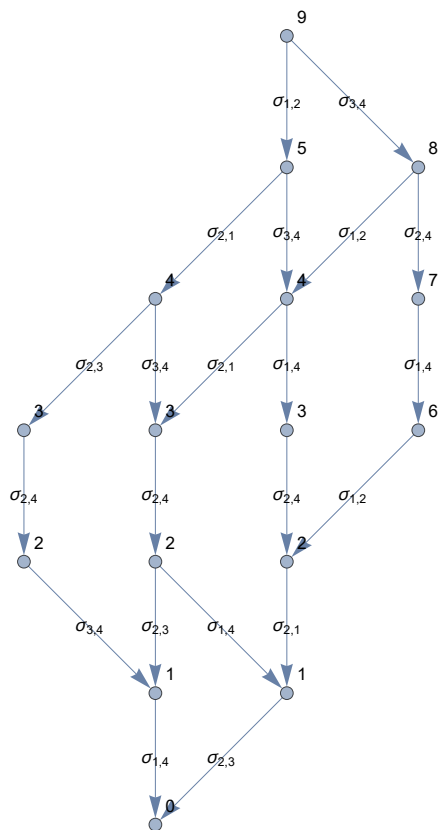
» BR [4, {2, 2, -2, 1, -3, 2, -2, -2, 3, -2, 2, -3}]



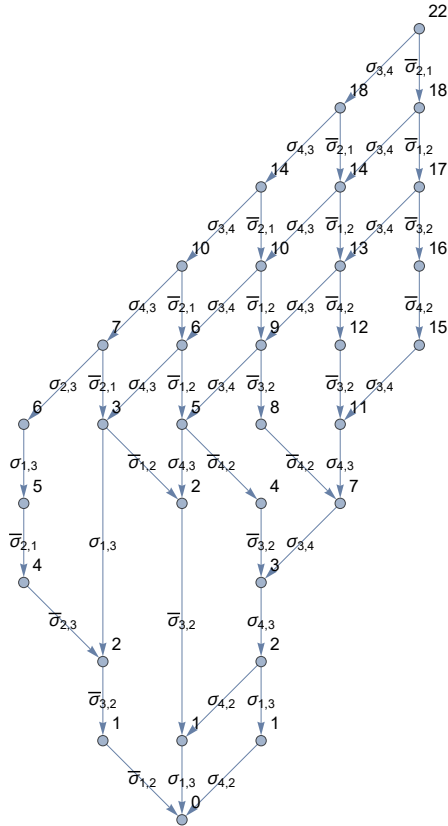
» BR [5, {3, -4, 2, 1, -2, 1, -2, -4, 4, -2, 2, -2}]



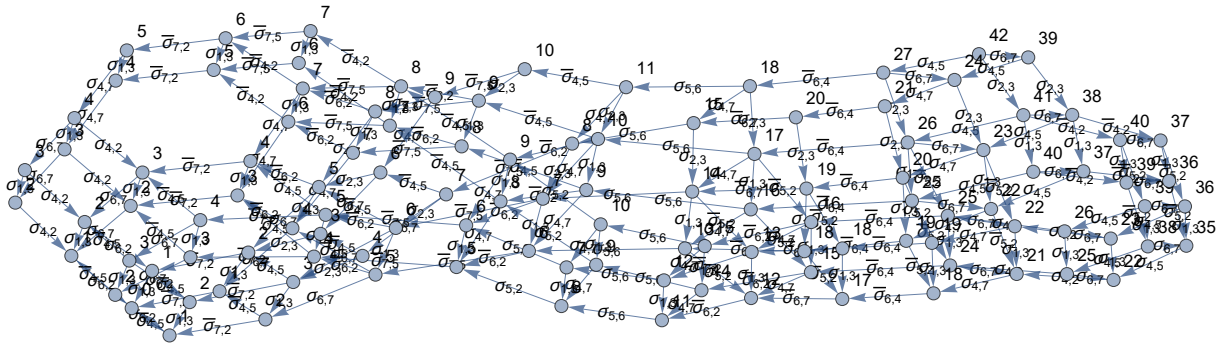
» BR [4, {3, 3, 1, -3, 1, 2, 3, 1}]



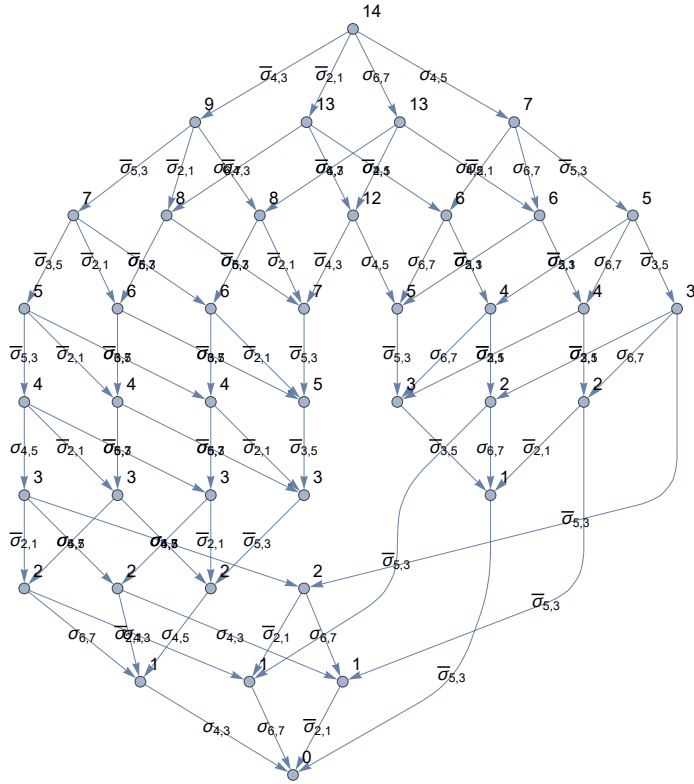
» BR [5, {3, -4, -1, 1, -3, -4, 4, 4, -1, 4, -1, 4, 3, 4, -2, 1}]



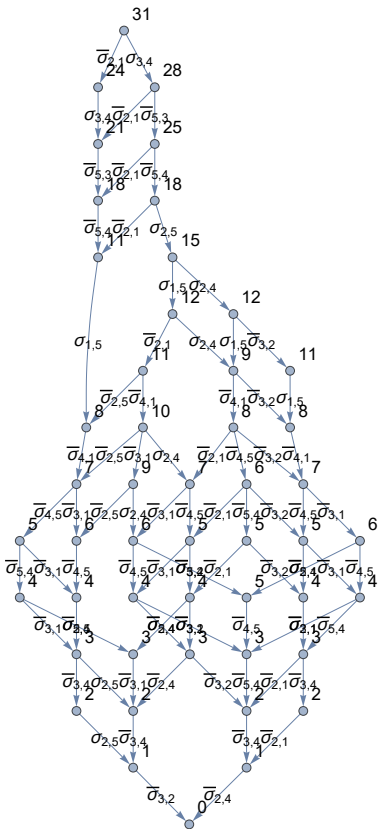
» BR [7, {4, -1, -2, -5, 3, -3, 4, 6, 4, 2, 1, 5, -4, -5, 2, -3, -6, 1, -1, 1}]



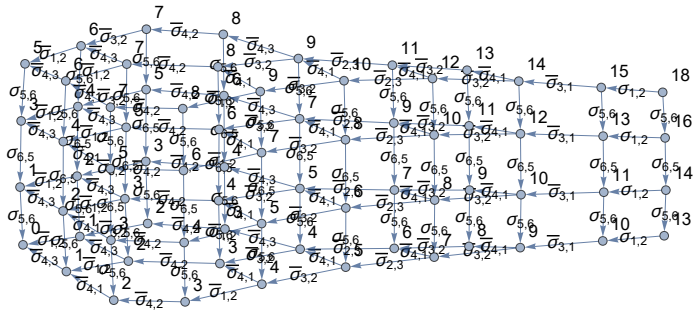
» BR [7, {2, 6, 4, -2, -3, -3, -1, -3}]



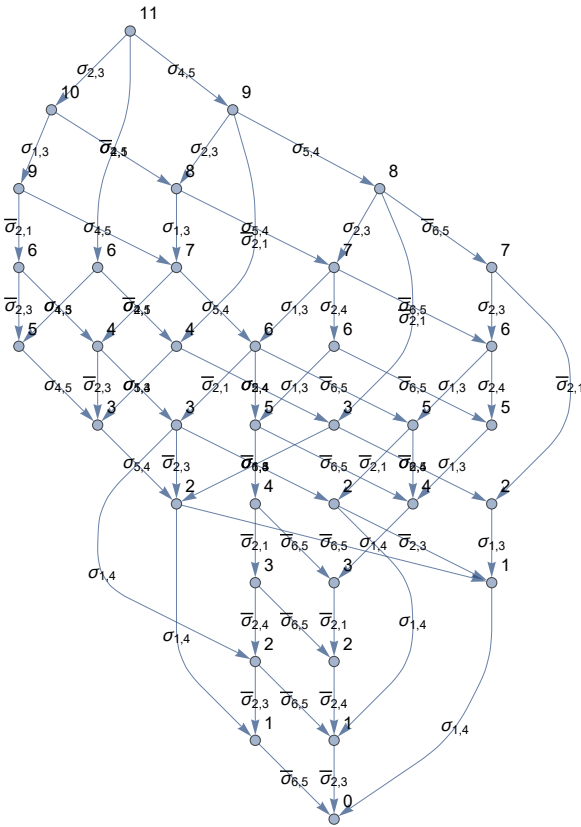
» BR[7, {-1, -3, 3, 3, -4, -3, -3, 6, -4, -6, -2, 4, 3, -2, 1, -1, 1, -4, -3, -2}]



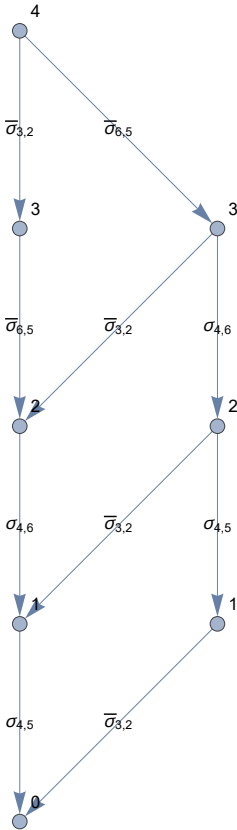
» BR[6, {1, 5, -3, -2, -1, 5, -3, -2, 2, -2, -2, 2, -2, -2, 5, -3}]



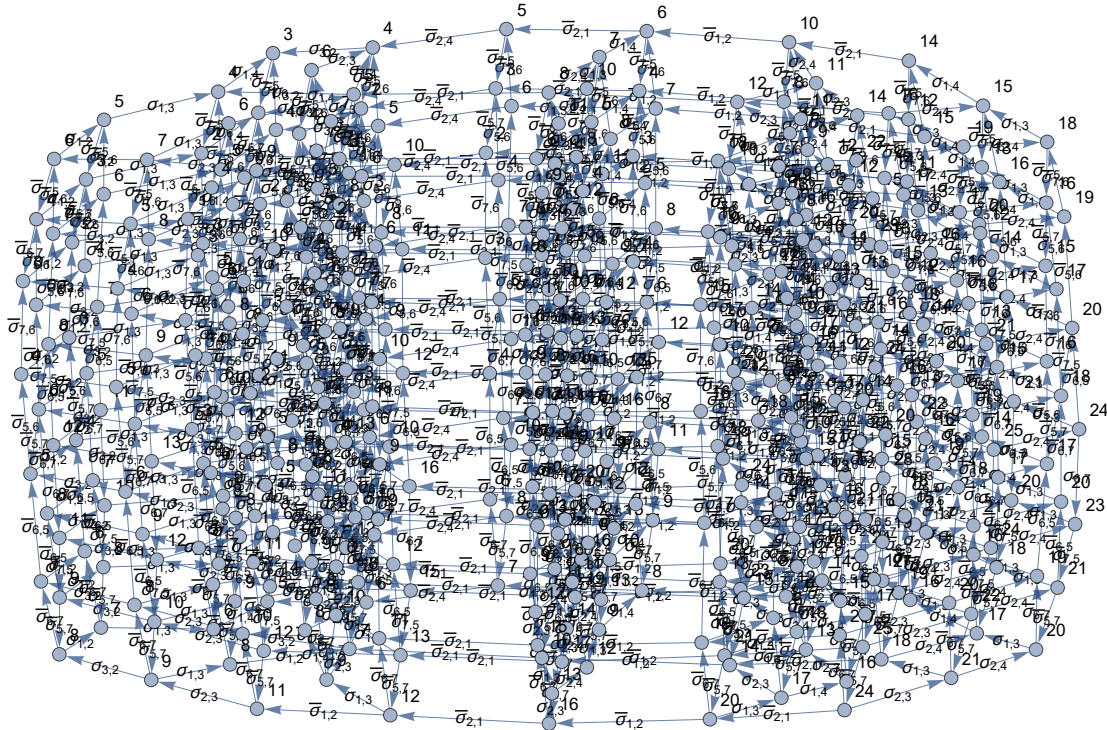
» BR[6, {2, 1, -2, 4, 4, -1, -5, 3}]



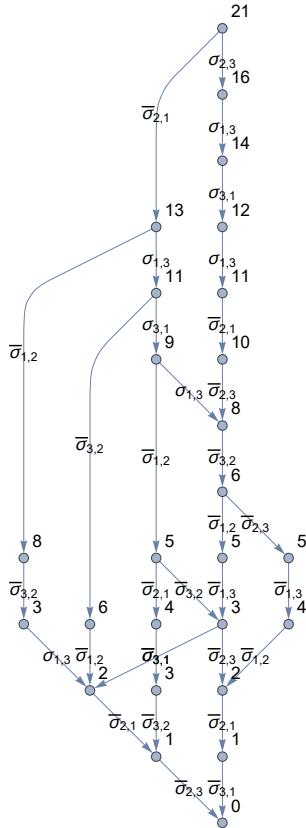
» BR[4, {2, 1, 1, 1, -3, -3, -1, -2, 3, 1, 2, 1, -1, 1, 1, 3}]



» BR [7, {4, 5, 6, -6, -4, -1, 2, 1, -2, -2, -5, -6, -4, 3, 1, -2, -6, 2, -5, -6}]



» BR [3, {2, -1, 1, -2, -1, 2, -1, -2, -2, -1}]

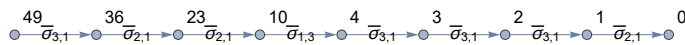


» BR [6, {3, -3, 2, -2, 5, 3, 3, -4, 5, 3, 1, 3, -4, -3, 1, -3}]

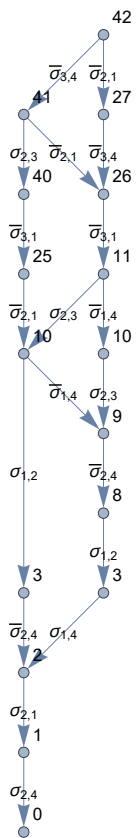
Out[]:= \$Aborted

```
In[ ]:= While [True,
  vpb = Module [ { n = RandomChoice [ {3, 4, 5, 6} ], m = RandomChoice [ {8, 10, 12, 16} ], i },
    VPB [ n, Sequence @@
      Table [ RandomChoice [ { sigma, sigma_bar } ] [ i = RandomChoice @ Range @ n, RandomChoice [ Complement [ Range @ n, { i } ] ], { m } ] ] ];
    Print [ vpb ];
    Print [ ExtractionGraph [ vpb ] ]
  ]
```

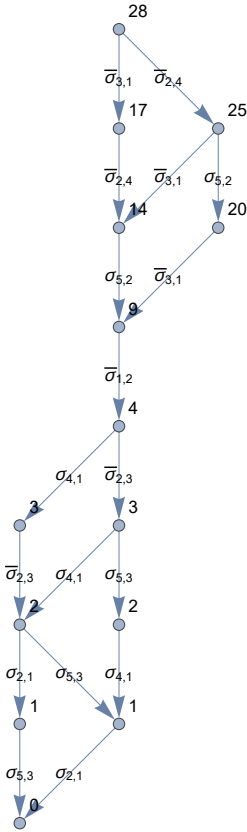
VPB [3, sigma_{3,2}, sigma_bar_{3,2}, sigma_{1,3}, sigma_bar_{1,3}, sigma_bar_{3,1}, sigma_bar_{2,1}, sigma_bar_{2,1}, sigma_bar_{1,3}, sigma_bar_{3,1}, sigma_bar_{3,1}, sigma_bar_{2,1}]



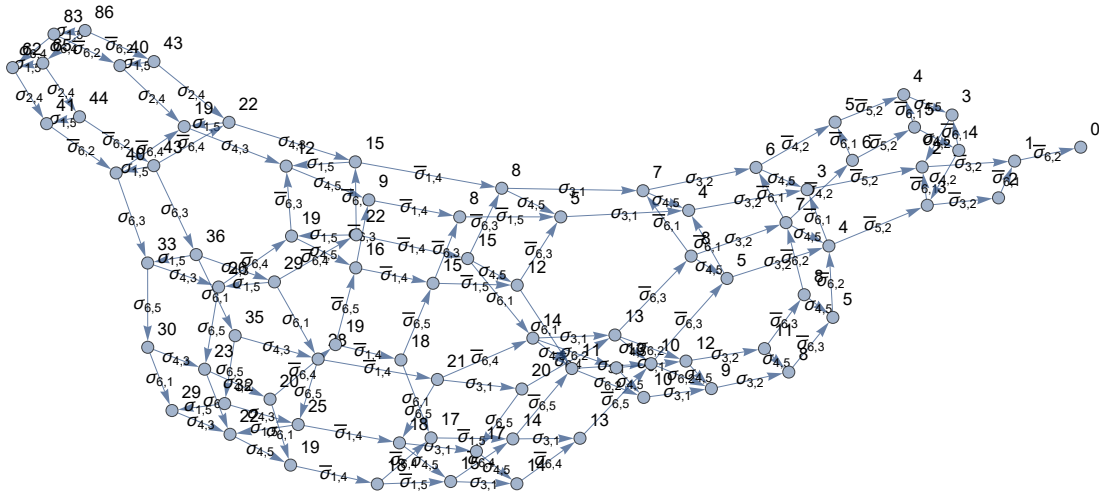
VPB [4, sigma_bar_{3,4}, sigma_{2,3}, sigma_bar_{3,1}, sigma_bar_{2,1}, sigma_{1,2}, sigma_bar_{2,4}, sigma_{2,1}, sigma_{2,4}]



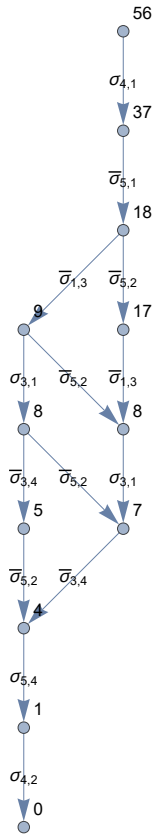
VPB [5, $\bar{\sigma}_{3,1}$, $\bar{\sigma}_{2,4}$, $\sigma_{5,2}$, $\bar{\sigma}_{1,2}$, $\sigma_{4,1}$, $\bar{\sigma}_{2,3}$, $\sigma_{2,1}$, $\sigma_{5,3}$]



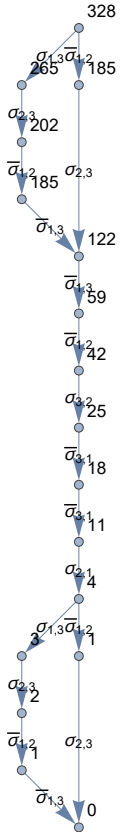
VPB [6, $\bar{\sigma}_{6,2}$, $\sigma_{2,4}$, $\sigma_{4,3}$, $\bar{\sigma}_{1,4}$, $\sigma_{3,1}$, $\sigma_{4,5}$, $\sigma_{3,2}$, $\bar{\sigma}_{5,2}$, $\bar{\sigma}_{3,2}$, $\bar{\sigma}_{6,2}$]



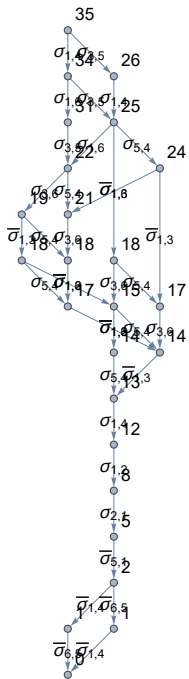
VPB [5, $\sigma_{4,1}$, $\bar{\sigma}_{5,1}$, $\bar{\sigma}_{3,4}$, $\sigma_{3,4}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{5,2}$, $\sigma_{3,1}$, $\bar{\sigma}_{3,4}$, $\sigma_{5,4}$, $\sigma_{4,2}$]



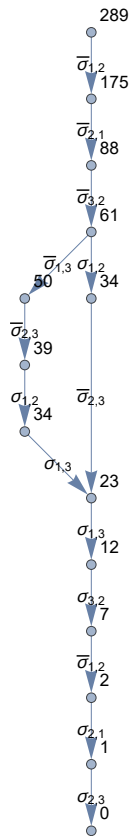
VPB [3, $\bar{\sigma}_{1,2}$, $\sigma_{2,3}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{2,1}$, $\sigma_{2,1}$, $\sigma_{1,2}$, $\sigma_{3,2}$, $\bar{\sigma}_{3,1}$, $\bar{\sigma}_{3,1}$, $\sigma_{2,1}$, $\bar{\sigma}_{1,2}$, $\sigma_{2,3}$, $\bar{\sigma}_{1,2}$, $\sigma_{1,2}$]



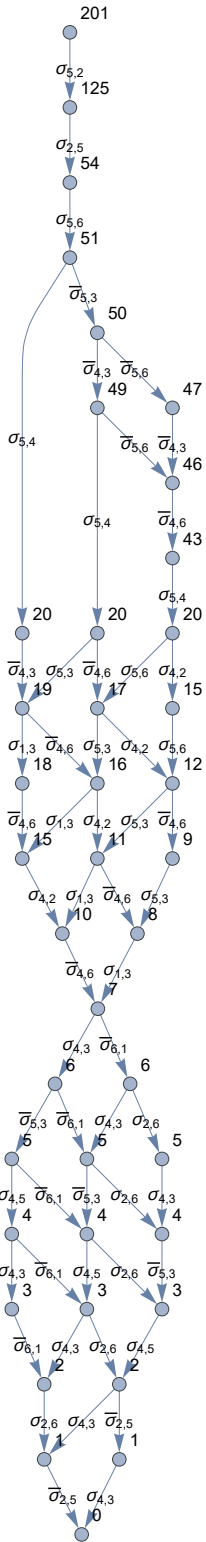
VPB [6, $\sigma_{3,5}$, $\sigma_{1,4}$, $\sigma_{5,4}$, $\bar{\sigma}_{1,3}$, $\sigma_{3,6}$, $\bar{\sigma}_{1,3}$, $\sigma_{1,4}$, $\sigma_{1,2}$, $\sigma_{2,1}$, $\bar{\sigma}_{5,1}$, $\bar{\sigma}_{6,5}$, $\bar{\sigma}_{1,4}$]



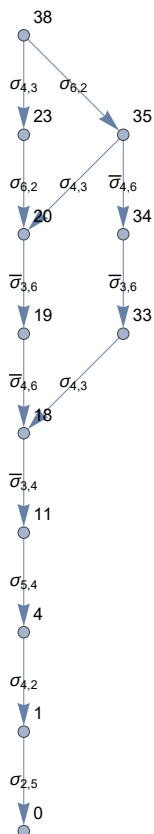
VPB [3, $\bar{\sigma}_{1,3}$, $\sigma_{1,3}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,2}$, $\sigma_{1,2}$, $\bar{\sigma}_{2,3}$, $\sigma_{1,3}$, $\bar{\sigma}_{3,1}$, $\sigma_{3,1}$, $\sigma_{3,2}$, $\bar{\sigma}_{3,1}$, $\sigma_{3,1}$, $\bar{\sigma}_{1,2}$, $\sigma_{2,1}$, $\sigma_{2,3}$]



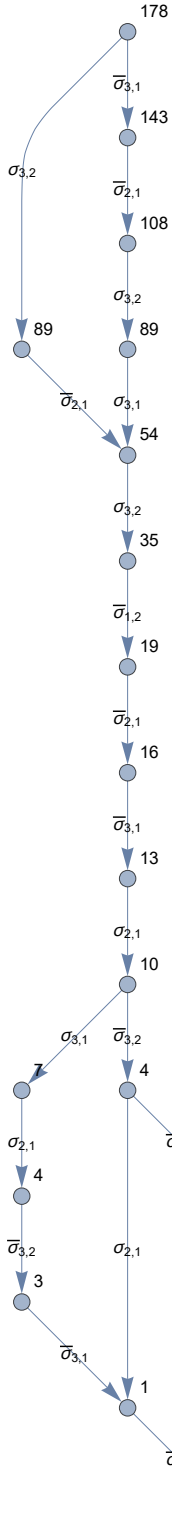
VPB [6, $\sigma_{5,2}$, $\sigma_{2,5}$, $\sigma_{5,6}$, $\sigma_{5,4}$, $\bar{\sigma}_{4,3}$, $\sigma_{1,3}$, $\bar{\sigma}_{4,6}$, $\sigma_{4,2}$, $\bar{\sigma}_{4,6}$, $\sigma_{4,3}$, $\bar{\sigma}_{6,1}$, $\bar{\sigma}_{5,3}$, $\sigma_{2,6}$, $\sigma_{4,5}$, $\sigma_{4,3}$, $\bar{\sigma}_{2,5}$]



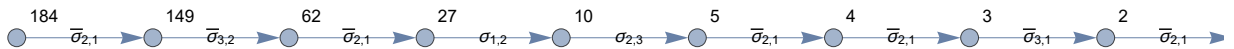
VPB [6, $\sigma_{6,2}$, $\bar{\sigma}_{4,6}$, $\bar{\sigma}_{3,6}$, $\sigma_{4,3}$, $\bar{\sigma}_{3,4}$, $\sigma_{5,4}$, $\sigma_{4,2}$, $\sigma_{2,5}$]



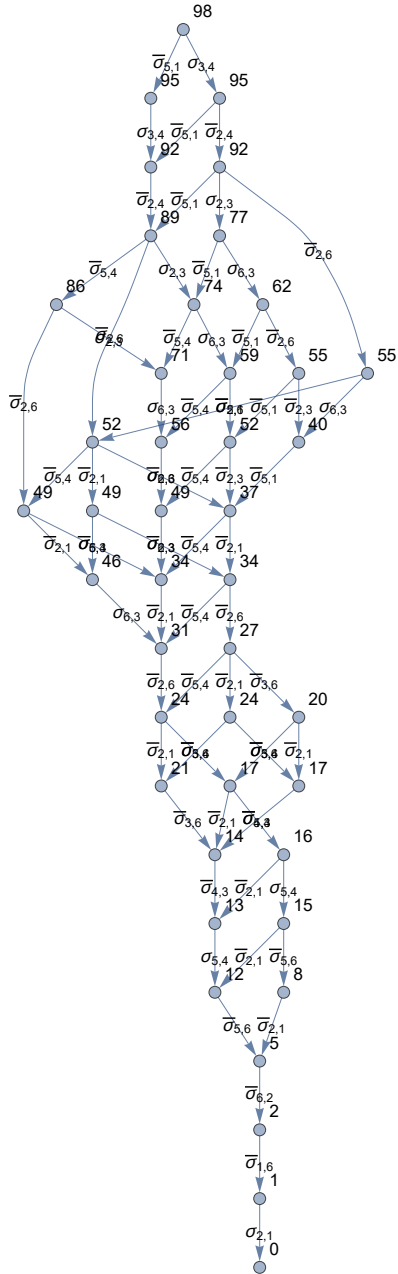
VPB [3, $\sigma_{3,2}$, $\bar{\sigma}_{2,1}$, $\sigma_{3,2}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,1}$, $\sigma_{2,1}$, $\bar{\sigma}_{3,1}$, $\sigma_{3,1}$, $\bar{\sigma}_{3,2}$, $\sigma_{2,1}$, $\bar{\sigma}_{1,3}$]



VPB [3, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,2}$, $\bar{\sigma}_{2,1}$, $\sigma_{1,2}$, $\sigma_{2,3}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,1}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,2}$]



VPB [6, $\bar{\sigma}_{5,1}$, $\sigma_{3,4}$, $\bar{\sigma}_{2,4}$, $\bar{\sigma}_{2,6}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{5,4}$, $\sigma_{6,3}$, $\bar{\sigma}_{2,6}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{3,6}$, $\bar{\sigma}_{4,3}$, $\sigma_{5,4}$, $\bar{\sigma}_{5,6}$, $\bar{\sigma}_{6,2}$, $\bar{\sigma}_{1,6}$, $\sigma_{2,1}$]



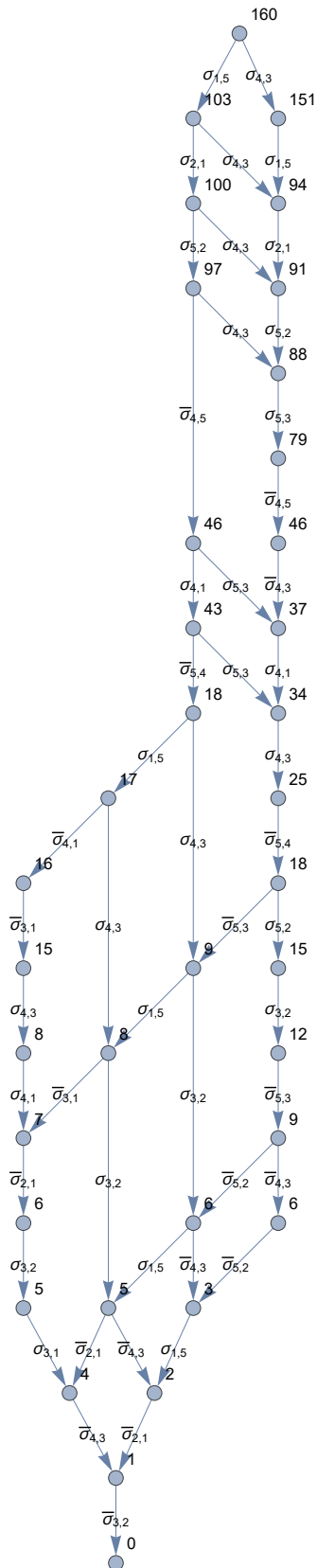
VPB [3, $\bar{\sigma}_{3,1}$, $\sigma_{3,2}$, $\sigma_{3,1}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{2,3}$, $\sigma_{2,1}$, $\sigma_{3,2}$, $\sigma_{1,2}$, $\sigma_{2,3}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{2,3}$, $\sigma_{2,3}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{1,3}$, $\sigma_{3,1}$, $\sigma_{1,3}$]

503 402 243 142 115 88 41 30 19 14 13 8 3 1 0
 $\sigma_{3,1} \sigma_{3,2} \sigma_{3,1} \bar{\sigma}_{1,3} \bar{\sigma}_{2,3} \sigma_{2,1} \sigma_{3,2} \sigma_{1,2} \sigma_{2,3} \bar{\sigma}_{1,2} \bar{\sigma}_{1,3} \sigma_{3,1} \sigma_{1,3}$

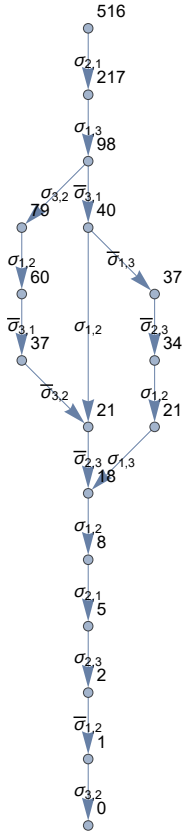
VPB [4, $\bar{\sigma}_{1,4}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{2,1}$, $\sigma_{1,2}$, $\sigma_{1,4}$, $\sigma_{3,4}$, $\sigma_{2,3}$]

40 39 27 15 6 3 2 1 0
 $\bar{\sigma}_{1,4} \bar{\sigma}_{2,1} \bar{\sigma}_{1,2} \bar{\sigma}_{2,1} \sigma_{1,2} \sigma_{1,4} \sigma_{3,4} \sigma_{2,3}$

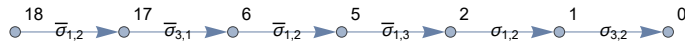
VPB [5, $\sigma_{1,5}$, $\sigma_{2,1}$, $\sigma_{5,2}$, $\bar{\sigma}_{4,5}$, $\sigma_{4,1}$, $\bar{\sigma}_{5,4}$, $\sigma_{1,5}$, $\bar{\sigma}_{1,4}$, $\sigma_{1,4}$, $\sigma_{4,3}$, $\sigma_{3,2}$, $\bar{\sigma}_{2,1}$, $\bar{\sigma}_{4,3}$, $\bar{\sigma}_{3,4}$, $\sigma_{3,4}$, $\bar{\sigma}_{3,2}$]



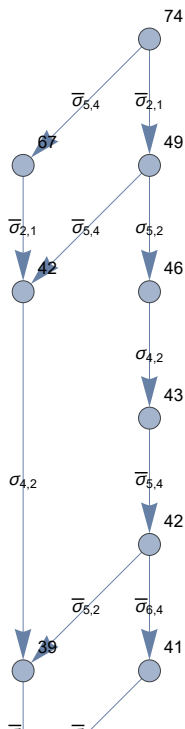
VPB[3, $\sigma_{2,1}$, $\sigma_{1,3}$, $\bar{\sigma}_{3,1}$, $\sigma_{1,2}$, $\sigma_{1,3}$, $\sigma_{1,2}$, $\sigma_{2,1}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{1,2}$, $\sigma_{3,2}$]

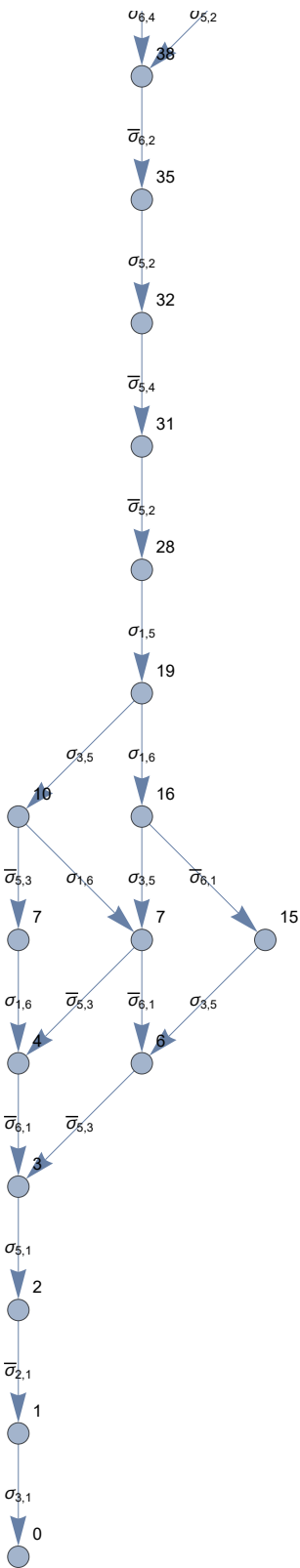


VPB [3, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{3,1}$, $\bar{\sigma}_{1,2}$, $\bar{\sigma}_{1,3}$, $\sigma_{2,1}$, $\bar{\sigma}_{2,1}$, $\sigma_{1,2}$, $\sigma_{3,2}$]

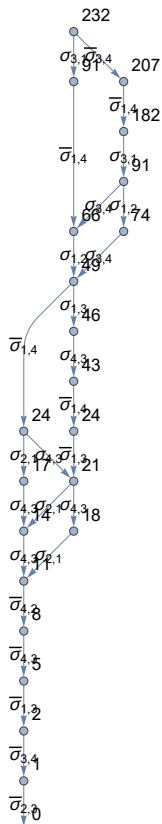


VPB [6, $\bar{\sigma}_{5,4}$, $\bar{\sigma}_{2,1}$, $\sigma_{4,2}$, $\bar{\sigma}_{6,4}$, $\bar{\sigma}_{6,2}$, $\sigma_{5,2}$, $\bar{\sigma}_{5,4}$, $\bar{\sigma}_{5,2}$, $\sigma_{1,5}$, $\sigma_{3,5}$, $\bar{\sigma}_{5,3}$, $\sigma_{1,6}$, $\bar{\sigma}_{6,1}$, $\sigma_{5,1}$, $\bar{\sigma}_{2,1}$, $\sigma_{3,1}$]





VPB [4, $\sigma_{3,1}$, $\bar{\sigma}_{1,4}$, $\sigma_{1,2}$, $\bar{\sigma}_{1,4}$, $\sigma_{4,3}$, $\sigma_{2,1}$, $\sigma_{4,3}$, $\bar{\sigma}_{4,2}$, $\bar{\sigma}_{4,3}$, $\bar{\sigma}_{1,3}$, $\bar{\sigma}_{3,4}$, $\bar{\sigma}_{2,3}$]



VPB [4, $\sigma_{2,4}$, $\overline{\sigma}_{3,2}$, $\overline{\sigma}_{4,3}$, $\overline{\sigma}_{2,4}$, $\sigma_{3,1}$, $\overline{\sigma}_{1,3}$, $\sigma_{1,2}$, $\overline{\sigma}_{4,3}$, $\overline{\sigma}_{4,2}$, $\overline{\sigma}_{3,2}$, $\sigma_{2,3}$, $\overline{\sigma}_{1,2}$, $\overline{\sigma}_{3,1}$, $\sigma_{1,4}$, $\overline{\sigma}_{4,2}$, $\sigma_{1,2}$]

Out[]= \$Aborted