

In[*]:= **VPB**[3, #] & /@ {12746, 4113}

Out[*]:= $\{\{\bar{\sigma}_{1,2}, \sigma_{2,3}, \sigma_{3,2}, \sigma_{1,2}\}, \{\sigma_{1,3}, \sigma_{2,3}, \sigma_{3,2}, \bar{\sigma}_{1,3}\}\}$

