

```
 $A \setminus B := \text{Complement}[A, B];$ 
```

```
VPBGens[n_] :=
```

```
VPBGens[n] = Flatten@Table[{ $\sigma_{i,j}$ ,  $\bar{\sigma}_{i,j}$ }, {i, n}, {j, Range[n] \setminus {i}}];
```