

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

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