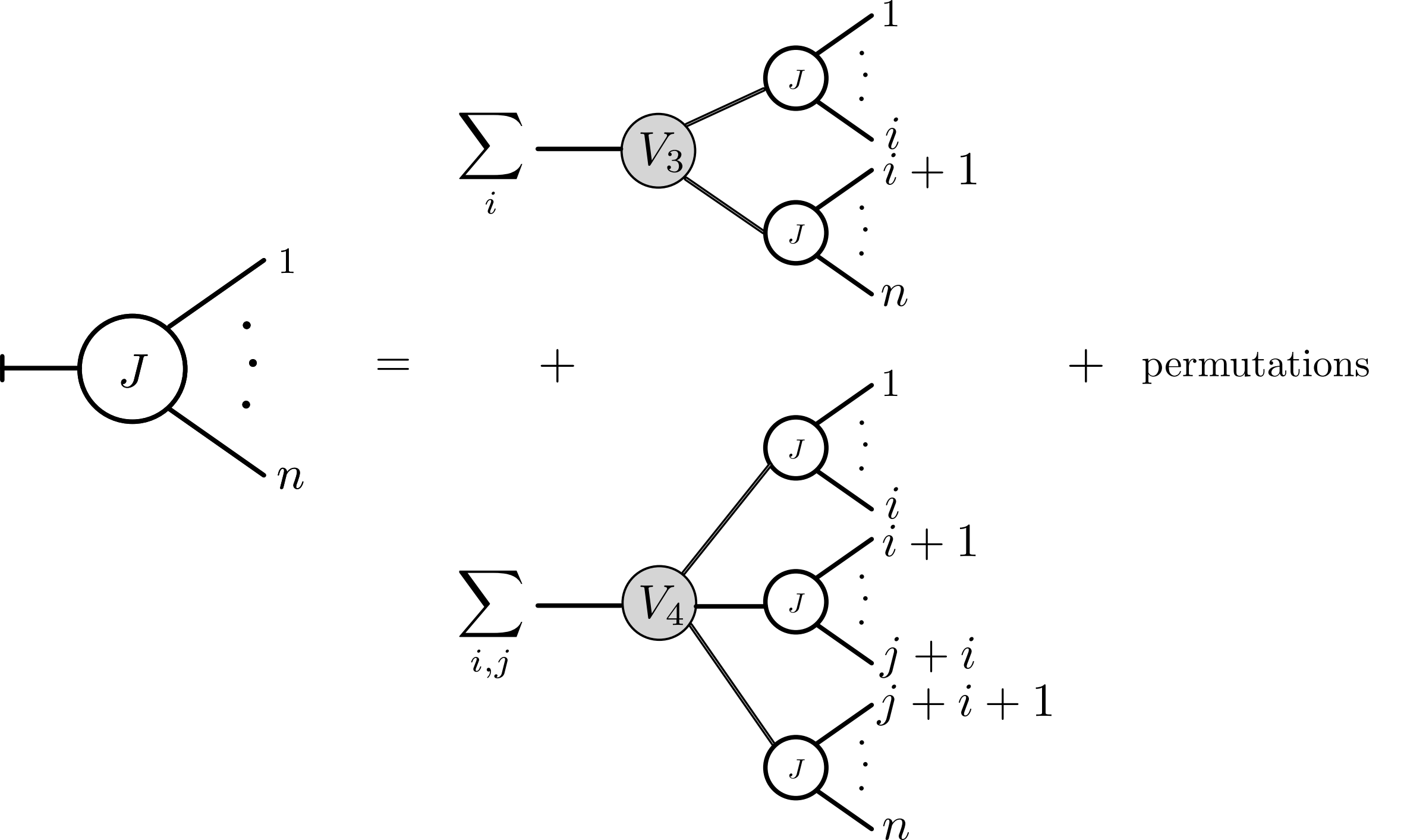
J
1
n
=
+
+ permutations
$\sum_i$
V_3
J
J
1
i
i + 1
n
$\sum_{i,j}$
V_4
J
J
J
1
i
i + 1
j + i
j + i + 1
n