

Forest	Vertex Labels
$\mathbf{T}_7^1 \sqcup \mathbf{T}_2^1$	$(0, 6, 1, 5, 2, 9, 7) \sqcup (3, 4)$
$\mathbf{T}_7^3 \sqcup \mathbf{T}_2^1$	$(9, 2, 5, 1, 6, 0, 3) \sqcup (8, 7)$
$\mathbf{T}_7^2 \sqcup \mathbf{T}_2^1$	$(9, 2, 5, 1, 6, 0, 4) \sqcup (8, 7)$
$\mathbf{T}_7^4 \sqcup \mathbf{T}_2^1$	$(5, 1, 4, 2, 9, 6, 7) \sqcup (10, 11)$
$\mathbf{T}_7^5 \sqcup \mathbf{T}_2^1$	$(3, 8, 1, 4, 2, 5, 7) \sqcup (9, 10)$
$\mathbf{T}_7^8 \sqcup \mathbf{T}_2^1$	$(7, 8, 1, 6, 0, 4, 3) \sqcup (9, 11)$
$\mathbf{T}_7^9 \sqcup \mathbf{T}_2^1$	$(8, 1, 6, 3, 4, 5, 7) \sqcup (9, 10)$
$\mathbf{T}_7^{10} \sqcup \mathbf{T}_2^1$	$(6, 1, 5, 3, 8, 4, 7) \sqcup (9, 10)$
$\mathbf{T}_7^6 \sqcup \mathbf{T}_2^1$	$(5, 11, 9, 10, 6, 12, 7) \sqcup (8, 1)$
$\mathbf{T}_7^7 \sqcup \mathbf{T}_2^1$	$(4, 8, 1, 6, 0, 5, 3) \sqcup (9, 10)$
$\mathbf{T}_6^1 \sqcup \mathbf{T}_3^1$	$(0, 6, 1, 5, 2, 9) \sqcup (11, 10, 12)$
$\mathbf{T}_6^2 \sqcup \mathbf{T}_3^1$	$(3, 6, 1, 8, 4, 0) \sqcup (10, 9, 11)$
$\mathbf{T}_6^3 \sqcup \mathbf{T}_3^1$	$(5, 11, 9, 12, 7, 10) \sqcup (1, 8, 4)$
$\mathbf{T}_6^4 \sqcup \mathbf{T}_3^1$	$(3, 8, 4, 1, 6, 7) \sqcup (10, 9, 11)$
$\mathbf{T}_6^5 \sqcup \mathbf{T}_3^1$	$(5, 1, 8, 3, 4, 7) \sqcup (10, 9, 11)$
$\mathbf{T}_6^6 \sqcup \mathbf{T}_3^1$	$(4, 1, 8, 5, 6, 7) \sqcup (10, 9, 11)$
$\mathbf{T}_5^1 \sqcup \mathbf{T}_4^1$	$(0, 6, 1, 5, 2) \sqcup (9, 8, 10, 3)$
$\mathbf{T}_5^2 \sqcup \mathbf{T}_4^1$	$(7, 1, 8, 5, 6) \sqcup (0, 4, 2, 3)$
$\mathbf{T}_5^2 \sqcup \mathbf{T}_4^2$	$(7, 1, 8, 4, 6) \sqcup (10, 9, 11, 12)$
$\mathbf{T}_5^3 \sqcup \mathbf{T}_4^1$	$(6, 0, 3, 4, 5) \sqcup (8, 7, 9, 2)$
$\mathbf{T}_5^1 \sqcup \mathbf{T}_4^2$	$(4, 8, 1, 7, 2) \sqcup (10, 9, 11, 12)$
$\mathbf{T}_5^3 \sqcup \mathbf{T}_4^2$	$(6, 0, 3, 4, 5) \sqcup (8, 9, 2, 7)$
$\mathbf{T}_6^1 \sqcup 2\mathbf{T}_2^1$	$(0, 6, 1, 5, 2, 9) \sqcup (8, 10) \sqcup (3, 4)$
$\mathbf{T}_6^2 \sqcup 2\mathbf{T}_2^1$	$(3, 6, 1, 8, 4, 0) \sqcup (5, 7) \sqcup (9, 10)$
$\mathbf{T}_6^5 \sqcup 2\mathbf{T}_2^1$	$(4, 1, 8, 3, 5, 7) \sqcup (0, 2) \sqcup (9, 10)$
$\mathbf{T}_6^4 \sqcup 2\mathbf{T}_2^1$	$(5, 8, 4, 1, 6, 7) \sqcup (0, 2) \sqcup (9, 10)$
$\mathbf{T}_6^3 \sqcup 2\mathbf{T}_2^1$	$(5, 11, 9, 12, 7, 10) \sqcup (8, 1) \sqcup (0, 4)$
$\mathbf{T}_6^6 \sqcup 2\mathbf{T}_2^1$	$(4, 1, 8, 5, 6, 7) \sqcup (2, 3) \sqcup (9, 11)$
$\mathbf{T}_5^1 \sqcup \mathbf{T}_3^1 \sqcup \mathbf{T}_2^1$	$(0, 6, 1, 5, 2) \sqcup (8, 10, 9) \sqcup (11, 4)$
$\mathbf{T}_5^2 \sqcup \mathbf{T}_3^1 \sqcup \mathbf{T}_2^1$	$(7, 1, 8, 5, 6) \sqcup (10, 9, 11) \sqcup (0, 4)$
$\mathbf{T}_5^3 \sqcup \mathbf{T}_3^1 \sqcup \mathbf{T}_2^1$	$(6, 0, 3, 4, 5) \sqcup (1, 8, 7) \sqcup (9, 11)$
$2\mathbf{T}_4^1 \sqcup \mathbf{T}_2^1$	$(0, 6, 1, 5) \sqcup (2, 9, 7, 10) \sqcup (3, 4)$
$\mathbf{T}_4^1 \sqcup \mathbf{T}_4^2 \sqcup \mathbf{T}_2^1$	$(11, 9, 10, 7) \sqcup (4, 0, 5, 6) \sqcup (8, 1)$
$2\mathbf{T}_4^2 \sqcup \mathbf{T}_2^1$	$(4, 0, 5, 6) \sqcup (10, 9, 11, 12) \sqcup (8, 1)$
$\mathbf{T}_4^1 \sqcup 2\mathbf{T}_3^1$	$(0, 6, 1, 5) \sqcup (8, 10, 9) \sqcup (11, 4, 7)$
$\mathbf{T}_4^2 \sqcup 2\mathbf{T}_3^1$	$(4, 0, 5, 6) \sqcup (1, 8, 7) \sqcup (11, 9, 12)$
$\mathbf{T}_4^1 \sqcup \mathbf{T}_3^1 \sqcup 2\mathbf{T}_2^1$	$(0, 6, 1, 5) \sqcup (8, 10, 7) \sqcup (11, 4) \sqcup (2, 3)$
$\mathbf{T}_4^2 \sqcup \mathbf{T}_3^1 \sqcup 2\mathbf{T}_2^1$	$(4, 0, 5, 6) \sqcup (11, 9, 12) \sqcup (2, 3) \sqcup (8, 1)$
$\mathbf{T}_5^1 \sqcup 3\mathbf{T}_2^1$	$(0, 6, 1, 5, 2) \sqcup (10, 3) \sqcup (9, 7) \sqcup (11, 12)$
$\mathbf{T}_5^2 \sqcup 3\mathbf{T}_2^1$	$(6, 1, 8, 4, 7) \sqcup (3, 5) \sqcup (9, 12) \sqcup (10, 11)$
$\mathbf{T}_5^3 \sqcup 3\mathbf{T}_2^1$	$(3, 0, 4, 5, 6) \sqcup (8, 1) \sqcup (10, 11) \sqcup (9, 7)$
$3\mathbf{T}_3^1 \sqcup \mathbf{T}_2^1$	$(0, 6, 1) \sqcup (4, 8, 5) \sqcup (2, 9, 7) \sqcup (10, 11)$

$\mathbf{T}_4^1 \sqcup 4\mathbf{T}_2^1$	$(0, 6, 1, 5) \sqcup (9, 2) \sqcup (8, 10) \sqcup (4, 7) \sqcup (11, 12)$
$\mathbf{T}_4^2 \sqcup 4\mathbf{T}_2^1$	$(4, 0, 5, 6) \sqcup (2, 3) \sqcup (9, 11) \sqcup (8, 1) \sqcup (10, 7)$
$2\mathbf{T}_3^1 \sqcup 3\mathbf{T}_2^1$	$(0, 6, 1) \sqcup (4, 8, 5) \sqcup (10, 3) \sqcup (9, 7) \sqcup (11, 12)$
$\mathbf{T}_3^1 \sqcup 5\mathbf{T}_2^1$	$(0, 6, 1) \sqcup (8, 4) \sqcup (2, 5) \sqcup (10, 3) \sqcup (9, 7) \sqcup (11, 12)$

Figure 1: σ^{+-} -labelings for forests with 7 edges