Table 1: 1-rotational (1-2-3)-labelings.

Forest	Labeling
	$(0,1,\infty,2,4,5,3) \sqcup (12,15)$
	$(0,2,5,\infty,6,4,1) \sqcup (10,11)$
$\mathbf{T^1_7}\sqcup\mathbf{T^1_2}$	$(5,7,\infty,3,6,9,10) \sqcup (13,14)$
_	$(\infty, 4, 7, 10, 8, 6, 5) \sqcup (16, 15)$
	$(0,4,9,15,8,16,7) \sqcup (1,11)$
	$(3,5,4,2,\infty,8,1) \sqcup (12,15)$
	$(4,6,\infty,5,2,0,18) \sqcup (10,11)$
$\mathrm{T}^3_7\sqcup\mathrm{T}^1_2$	$(10, 9, 6, 3, \infty, 0, 7) \sqcup (12, 14)$
	$(5,6,8,10,7,4,9) \sqcup (0,1)$
	$(16, 8, 15, 9, 4, 0, 6) \sqcup (1, 11)$
	$(3, 5, 4, 2, \infty, 1, 6) \sqcup (9, 10)$
0 1	$(0, 2, 5, \infty, 6, 4, 1) \sqcup (10, 11)$
$\mathbf{T^2_7}\sqcup\mathbf{T^1_2}$	$(5,7,\infty,3,6,9,8) \sqcup (13,14)$
	$(\infty, 4, 7, 10, 8, 6, 1) \sqcup (12, 15)$
	$(7, 16, 8, 15, 9, 4, 12) \sqcup (1, 11)$
	$(1, 2, 4, 5, 8, 0, \infty) \sqcup (11, 13)$
m4 m1	$(4, \infty, 5, 2, 3, 8, 6) \sqcup (16, 13)$
$\mathbf{T^4_7} \sqcup \mathbf{T^1_2}$	$(6,7,\infty,10,13,8,5) \sqcup (19,20)$
	$(11, 10, 7, 4, 1, 8, 12) \sqcup (13, 15)$
	$(7,15,9,4,0,8,6) \sqcup (1,11)$ $(5,4,2,3,6,0,1) \sqcup (9,\infty)$
$\mathbf{T_{7}^{5}}\sqcup\mathbf{T_{2}^{1}}$	$(2,5,\infty,6,4,8,11) \sqcup (16,13) (10,\infty,7,8,11,5,6) \sqcup (12,13)$
$17 \sqcup 12$	$(10, \infty, 7, 8, 11, 3, 0) \sqcup (12, 13)$ $(4, 7, 10, 8, 5, 11, 12) \sqcup (13, 15)$
	$(4, 7, 10, 8, 3, 11, 12) \sqcup (13, 13)$ $(4, 9, 15, 8, 12, 6, 7) \sqcup (1, 11)$
	$(4, 9, 13, 6, 12, 6, 7) \sqcup (1, 11)$ $(8, 5, 4, 2, 0, 6, \infty) \sqcup (11, 13)$
	$(3,2,5,\infty,8,1,6) \sqcup (11,13)$
$\mathbf{T_7^8}\sqcup\mathbf{T_2^1}$	$(5, 2, 9, \infty, 0, 1, 0) \sqcup (10, 10)$ $(5, 7, \infty, 3, 4, 8, 6) \sqcup (13, 14)$
	$(\infty, 4, 7, 10, 8, 1, 12) \sqcup (13, 15)$
	$(0,4,9,15,8,12,6) \sqcup (1,11)$
	$(1, 2, 4, 5, 7, 0, 3) \sqcup (8, 11)$
	$(11, \infty, 6, 4, 5, 8, 12) \sqcup (10, 13)$
$\mathbf{T_7^9}\sqcup\mathbf{T_2^1}$	$(6, 7, \infty, 10, 2, 8, 5) \sqcup (9, 12)$
-72	$(11, 10, 8, 5, 6, 12, 7) \sqcup (16, 13)$
	$(7,15,9,4,13,8,6) \sqcup (1,11)$
	$(1,2,4,6,0,3,5) \sqcup (8,11)$
	$(11, \infty, 6, 5, 8, 2, 12) \sqcup (13, 15)$
$\mathrm{T}_7^{10}\sqcup\mathrm{T}_2^1$	$(6,7,\infty,10,8,4,5) \sqcup (11,12)$
. "	$(11, 10, 8, 5, 12, 13, 7) \sqcup (9, 6)$
	$(6,15,9,4,8,11,7) \sqcup (2,12)$

Table 1: 1-rotational (1-2-3)-labelings.

Forest	Labeling
1 01000	$(5,4,2,0,1,3,6) \sqcup (9,\infty)$
	$(4, 6, \infty, 1, 2, 12, 13) \sqcup (8, 11)$
$\mathbf{T_7^6} \sqcup \mathbf{T_2^1}$	$(10, \infty, 7, 5, 3, 6, 9) \sqcup (13, 15)$
-72	$(5, 8, 10, 11, \infty, 7, 4) \sqcup (9, 12)$
	$(4, 9, 15, 8, 12, 7, 16) \sqcup (1, 11)$
	$(5,4,2,3,6,\infty,0) \sqcup (8,7)$
	$(13, 12, \infty, 6, 4, 10, 1) \sqcup (8, 11)$
$\mathbf{T_7^7}\sqcup\mathbf{T_2^1}$	$(10, \infty, 7, 6, 9, 2, 5) \sqcup (13, 15)$
-72	$(5,8,10,7,4,9,11) \sqcup (16,19)$
	$(4,9,15,8,12,18,7) \sqcup (1,11)$
	$(3,5,4,2,\infty,1) \sqcup (13,12,15)$
	$(0,2,5,\infty,6,4) \sqcup (8,11,10)$
$\mathrm{T}^1_6\sqcup\mathrm{T}^1_3$	$(5,7,\infty,3,6,9) \sqcup (13,14,15)$
	$(\infty, 4, 7, 10, 8, 6) \sqcup (17, 16, 15)$
	$(0,4,9,15,8,16) \sqcup (1,11,2)$
	$(\infty, 2, 4, 5, 8, 0) \sqcup (11, 13, 12)$
	$(6, \infty, 5, 2, 3, 8) \sqcup (13, 16, 15)$
$\mathrm{T}_6^2\sqcup\mathrm{T}_3^1$	$(6,3,\infty,7,5,4) \sqcup (13,14,15)$
	$(8, 10, 7, 4, \infty, 12) \sqcup (18, 15, 13)$
	$(0,4,9,15,8,12) \sqcup (1,11,2)$
	$(5,4,2,3,6,0) \sqcup (9,\infty,11)$
	$(4,6,\infty,12,13,1) \sqcup (11,8,7)$
$\mathbf{T}_6^3\sqcup\mathbf{T}_3^1$	$(10, \infty, 7, 6, 9, 5) \sqcup (16, 15, 13)$
	$(5,8,10,7,4,11) \sqcup (16,19,17)$
	$(7,0,4,9,15,12) \sqcup (1,11,2)$
	$(5,4,7,2,1,3) \sqcup (8,11,\infty)$
4 1	$(12, \infty, 8, 6, 4, 5) \sqcup (13, 10, 7)$
$\mathbf{T}_6^4\sqcup\mathbf{T}_3^1$	$(10, \infty, 2, 7, 8, 5) \sqcup (19, 16, 14)$
	$(11, 10, 12, 8, 5, 6) \sqcup (16, 13, 14)$
	$(7,0,6,4,9,12) \sqcup (1,11,2)$
	$(1,2,4,5,0,3) \sqcup (8,11,14)$
1	$(11, \infty, 6, 4, 8, 5) \sqcup (10, 13, 12)$
$\mathbf{T}_6^5\sqcup\mathbf{T}_3^1$	$(6,7,\infty,3,8,5) \sqcup (9,12,15)$
	$(11, 10, 8, 6, 12, 7) \sqcup (13, 16, \infty)$
	$(8,0,4,9,6,7) \sqcup (1,11,2)$
	$(1,2,0,3,4,5) \sqcup (11,8,\infty)$
76 71	$(2, \infty, 3, 4, 5, 6) \sqcup (12, 13, 15)$
$\mathbf{T}_6^6\sqcup\mathbf{T}_3^1$	$(6,7,8,4,5,\infty) \sqcup (11,12,15)$
	$(11, 10, 8, 12, 13, 7) \sqcup (9, 6, 4)$
	$(4,0,8,5,6,7) \sqcup (1,11,2)$

Table 1: 1-rotational (1-2-3)-labelings.

Forest	Labeling
	$(5,4,2,\infty,1) \sqcup (11,13,12,15)$
	$(0,2,5,\infty,6) \sqcup (8,11,10,12)$
$\mathrm{T}_5^1\sqcup\mathrm{T}_4^1$	$(5,7,\infty,3,6)\sqcup(16,13,14,15)$
J 4	$(\infty, 4, 7, 10, 8) \sqcup (17, 16, 15, 13)$
	$(4,9,15,8,16) \sqcup (2,11,1,5)$
	$(\infty, 2, 4, 5, 0) \sqcup (11, 13, 12, 15)$
	$(6, \infty, 5, 2, 1) \sqcup (8, 11, 10, 12)$
$\mathrm{T}_5^2\sqcup\mathrm{T}_4^1$	$(6,3,\infty,7,1) \sqcup (16,13,14,15)$
	$(10,7,4,\infty,5) \sqcup (17,16,15,13)$
	$(16, 8, 15, 9, 12) \sqcup (2, 11, 1, 6)$
	$(\infty, 2, 4, 3, 0) \sqcup (11, 13, 12, 15)$
	$(6, \infty, 5, 2, 1) \sqcup (10, 12, 11, 15)$
$\mathbf{T_5^2}\sqcup\mathbf{T_4^2}$	$(6,3,\infty,7,1) \sqcup (12,14,13,15)$
	$(\infty, 4, 7, 10, 1) \sqcup (17, 16, 13, 15)$
	$(16, 8, 15, 9, 12) \sqcup (10, 1, 11, 6)$
	$(0,2,1,3,4) \sqcup (11,8,\infty,6)$
-9 -1	$(2, \infty, 3, 4, 5) \sqcup (9, 12, 13, 15)$
$\mathbf{T}_5^3\sqcup\mathbf{T}_4^1$	$(4,7,5,6,\infty) \sqcup (11,12,15,14)$
	$(0,3,1,5,6) \sqcup (16,13,11,10)$
	$(5,1,10,11,6) \sqcup (16,8,15,9)$
	$(10, 13, \infty, 8, 11) \sqcup (1, 2, 3, 4)$
m1 + m2	$(15, 13, 12, 9, 7) \sqcup (3, \infty, 4, 5)$
$\mathbf{T}_5^1\sqcup\mathbf{T}_4^2$	$(11, 12, 15, 14, 13) \sqcup (4, 7, 5, \infty)$
	$(3,4,6,9,\infty) \sqcup (8,10,12,7)$ $(16,8,15,9,5) \sqcup (10,1,11,6)$
	$(0,2,3,4,5) \sqcup (0,1,11,0)$ $(0,2,3,4,5) \sqcup (9,8,11,\infty)$
	$(0,2,3,4,5) \sqcup (3,6,11,\infty)$ $(2,\infty,3,4,5) \sqcup (12,13,14,15)$
$\mathrm{T}^3_5\sqcup\mathrm{T}^2_4$	$(4, 7, 8, 5, \infty) \sqcup (12, 13, 14, 13)$
15 - 14	$(0,3,1,4,6) \sqcup (16,13,11,\infty)$
	$(5, 1, 10, 11, 6) \sqcup (16, 8, 14, 15)$
	$(3,5,4,2,\infty,1) \sqcup (19,20) \sqcup (12,15)$
	$(0,2,5,\infty,6,4) \sqcup (17,18) \sqcup (8,11)$
$T_{6}^{1} \sqcup 2T_{2}^{1}$	$(5,7,\infty,3,6,9) \sqcup (13,14) \sqcup (0,1)$
6 - 2 - 2	$(\infty, 4, 7, 10, 8, 6) \sqcup (16, 15) \sqcup (2, 3)$
	$(0,4,9,15,8,16) \sqcup (1,11) \sqcup (3,12)$
	$(\infty, 2, 4, 5, 8, 0) \sqcup (18, 20) \sqcup (12, 13)$
	$(13, \infty, 5, 2, 3, 8) \sqcup (9, 6) \sqcup (16, 15)$
$\mathbf{T_{6}^2} \sqcup 2\mathbf{T_{2}^1}$	$(6,3,\infty,7,5,4) \sqcup (13,14) \sqcup (0,1)$
	$(15, 17, 14, 11, \infty, 19) \sqcup (8, 6) \sqcup (1, 4)$
	$(0,4,9,15,8,12) \sqcup (1,11) \sqcup (5,14)$

Table 1: 1-rotational (1-2-3)-labelings.

Forest Labeling $ (3,2,4,5,0,1) \sqcup (18,15) \sqcup (11,14) $ $ (5,\infty,6,4,8,11) \sqcup (10,13) \sqcup (19,20) $ $ (8,7,\infty,3,5,6) \sqcup (16,19) \sqcup (12,15) $ $ (7,10,8,6,11,12) \sqcup (16,13) \sqcup (9,\infty) $ $ (6,0,8,4,5,7) \sqcup (1,11) \sqcup (3,12) $ $ (5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty) $	
$ \begin{array}{c} (5,\infty,6,4,8,11) \sqcup (10,13) \sqcup (19,20) \\ (8,7,\infty,3,5,6) \sqcup (16,19) \sqcup (12,15) \\ (7,10,8,6,11,12) \sqcup (16,13) \sqcup (9,\infty) \\ (6,0,8,4,5,7) \sqcup (1,11) \sqcup (3,12) \\ (5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty) \\ \end{array} $	
$ \begin{array}{c c} \mathbf{T_{6}^{5}} \sqcup 2\mathbf{T_{2}^{1}} & (8,7,\infty,3,5,6) \sqcup (16,19) \sqcup (12,15) \\ & (7,10,8,6,11,12) \sqcup (16,13) \sqcup (9,\infty) \\ & (6,0,8,4,5,7) \sqcup (1,11) \sqcup (3,12) \\ & (5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty) \\ \end{array} $	
$(7,10,8,6,11,12) \sqcup (16,13) \sqcup (9,\infty)$ $(6,0,8,4,5,7) \sqcup (1,11) \sqcup (3,12)$ $(5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty)$	
$(6,0,8,4,5,7) \sqcup (1,11) \sqcup (3,12) (5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty)$	
$(5,4,7,2,1,3) \sqcup (8,11) \sqcup (18,\infty)$	
(10 0.6 4.7) + (0.9) + (10.19)	
$(12, \infty, 8, 6, 4, 5) \sqcup (0, 3) \sqcup (10, 13)$	
$\mathbf{T_{6}^{4}} \sqcup 2\mathbf{T_{2}^{1}}$ $(10, \infty, 2, 7, 8, 5) \sqcup (9, 6) \sqcup (16, 19)$	
$(11, 10, 12, 8, 5, 6) \sqcup (13, 14) \sqcup (0, 2)$	
$(7,0,6,4,9,12) \sqcup (1,11) \sqcup (5,14)$	
$(5,4,2,3,6,0) \sqcup (9,12) \sqcup (11,\infty)$	
$(4,6,\infty,12,13,15) \sqcup (0,1) \sqcup (8,11)$	
$\mathbf{T_{6}^{3}} \sqcup 2\mathbf{T_{2}^{1}}$ $(10, \infty, 7, 6, 9, 5) \sqcup (13, 15) \sqcup (1, 2)$	
$(5, 8, 10, 7, 4, 11) \sqcup (17, 19) \sqcup (9, \infty)$	
$(7,0,4,9,15,12) \sqcup (1,11) \sqcup (5,14)$	
$(1,2,0,3,4,5) \sqcup (\infty,15) \sqcup (8,11)$	
$(11, \infty, 2, 3, 5, 6) \sqcup (13, 15) \sqcup (19, 20)$	
$\mathbf{T_{6}^{6}} \sqcup 2\mathbf{T_{2}^{1}}$ $(6, 7, 8, 4, 5, \infty) \sqcup (18, 19) \sqcup (12, 15)$	
$(11, 10, 8, 12, 13, 7) \sqcup (18, 20) \sqcup (9, 6)$	
$(11, 1, 8, 9, 10, 7) \sqcup (0, 5) \sqcup (2, 6)$	
$(10, 13, \infty, 8, 11) \sqcup (3, 2, 4) \sqcup (16, 15)$	
$(15, 13, 12, 9, 7) \sqcup (10, \infty, 5) \sqcup (11, 14)$	
$\mathbf{T_5^1} \sqcup \mathbf{T_3^1} \sqcup \mathbf{T_2^1}$ (11, 12, 15, 14, 13) \sqcup (4, ∞ , 7) \sqcup (0, 3)	
$(3,4,6,9,\infty) \sqcup (8,10,12) \sqcup (5,7)$	
$(0,9,1,8,2) \sqcup (5,10,6) \sqcup (3,13)$	
$(8, \infty, 13, 10, 9) \sqcup (3, 2, 4) \sqcup (14, 15)$	
$(7,9,12,13,8) \sqcup (10,\infty,5) \sqcup (11,14)$	
$\mathbf{T_5^2} \sqcup \mathbf{T_3^1} \sqcup \mathbf{T_2^1}$ (11, 12, 15, 18, 14) \sqcup (4, ∞ , 7) \sqcup (0, 3)	
$(9,6,4,3,8) \sqcup (19,17,15) \sqcup (13,14)$	
$(1,8,0,9,2) \sqcup (5,10,6) \sqcup (3,13)$	
$(2, \infty, 3, 4, 5) \sqcup (12, 13, 15) \sqcup (16, 19)$	
$(0,2,1,3,4) \sqcup (8,\infty,6) \sqcup (18,15)$	
$\mathbf{T_5^3} \sqcup \mathbf{T_3^1} \sqcup \mathbf{T_2^1} $ (4,7,5,6,\infty) \(\sum (11,12,15) \sum (0,1)\)	
$(8,10,12,13,7) \sqcup (9,6,4) \sqcup (17,18)$	
$(9,0,8,6,7) \sqcup (11,1,5) \sqcup (10,15)$	
$(1, \infty, 16, 18) \sqcup (11, 13, 12, 15) \sqcup (4, 5)$	
$(2,5,\infty,6)\sqcup(8,11,10,12)\sqcup(9,7)$	
$2\mathbf{T_{4}^{1}} \sqcup \mathbf{T_{2}^{1}}$ $(0, \infty, 3, 6) \sqcup (16, 13, 14, 15) \sqcup (5, 7)$	
$(10,7,4,\infty) \sqcup (17,16,15,13) \sqcup (1,3)$	
$(9,15,8,16) \sqcup (2,11,1,5) \sqcup (12,7)$	

Table 1: 1-rotational (1-2-3)-labelings.

Forest	Labeling
	$(11, 9, \infty, 1) \sqcup (10, 12, 13, 15) \sqcup (4, 5)$
	$(2,5,\infty,6)\sqcup(8,11,10,13)\sqcup(9,7)$
$\mathrm{T}_4^1\sqcup\mathrm{T}_4^2\sqcup\mathrm{T}_2^1$	$(0, \infty, 17, 20) \sqcup (12, 14, 13, 15) \sqcup (8, 6)$
-442	$(10,7,4,\infty) \sqcup (17,16,13,15) \sqcup (1,3)$
	$(2,12,6,15) \sqcup (8,0,5,7) \sqcup (9,13)$
	$(18, 16, 19, \infty) \sqcup (10, 12, 13, 15) \sqcup (3, 6)$
	$(1, \infty, 12, 6) \sqcup (8, 11, 10, 13) \sqcup (4, 5)$
$2\mathbf{T_4^2} \sqcup \mathbf{T_2^1}$	$(0, \infty, 3, 4) \sqcup (12, 14, 13, 15) \sqcup (8, 6)$
_	$(9,7,10,4) \sqcup (17,16,13,15) \sqcup (1,3)$
	$(9,0,8,7) \sqcup (11,1,5,6) \sqcup (10,4)$
	$(11, 13, 12, 15) \sqcup (9, \infty, 1) \sqcup (2, 4, 5)$
	$(8,11,10,12)\sqcup (19,\infty,6)\sqcup (0,2,5)$
$T_{4}^{1} \sqcup 2T_{3}^{1}$	$(0, \infty, 3, 6) \sqcup (16, 13, 14) \sqcup (8, 7, 5)$
	$(17, 16, 15, 13) \sqcup (\infty, 4, 7) \sqcup (0, 3, 1)$
	$(9, 15, 8, 16) \sqcup (11, 1, 5) \sqcup (3, 12, 7)$
	$(18, 16, 19, \infty) \sqcup (13, 12, 15) \sqcup (5, 3, 6)$
	$(1, \infty, 12, 6) \sqcup (8, 11, 13) \sqcup (3, 4, 5)$
$\mathbf{T_4^2} \sqcup 2\mathbf{T_3^1}$	$(0, \infty, 3, 4) \sqcup (12, 14, 13) \sqcup (6, 8, 7)$
	$(9,7,10,4) \sqcup (17,16,13) \sqcup (2,1,3)$
	$(9,0,8,7) \sqcup (5,1,6) \sqcup (10,4,14)$
	$(11, 13, 12, 15) \sqcup (9, \infty, 1) \sqcup (4, 5) \sqcup (16, 18)$
-1 -11	$(8,11,10,12) \sqcup (19,\infty,6) \sqcup (2,5) \sqcup (16,14)$
$ T_4^1 \sqcup T_3^1 \sqcup 2T_2^1 $	$(8, 10, 7, 4) \sqcup (0, \infty, 11) \sqcup (16, 17) \sqcup (9, 6)$
	$(5,7,8,6) \sqcup (20,17,\infty) \sqcup (13,14) \sqcup (1,2)$
	$(3, 10, 5, 11) \sqcup (0, 9, 1) \sqcup (2, 12) \sqcup (17, 13)$
	$(18, 16, 19, \infty) \sqcup (13, 12, 15) \sqcup (3, 5) \sqcup (17, 20)$
m2 m1	$(1, \infty, 12, 6) \sqcup (8, 11, 13) \sqcup (4, 5) \sqcup (17, 18)$
$ T_4^2 \sqcup T_3^1 \sqcup 2T_2^1 $	$(3, \infty, 4, 7) \sqcup (12, 14, 13) \sqcup (8, 6) \sqcup (1, 2)$
	$(9,7,10,4) \sqcup (17,16,13) \sqcup (1,3) \sqcup (14,15)$
	$(9,0,8,7) \sqcup (11,1,6) \sqcup (18,12) \sqcup (10,14)$
	$(4,1,\infty,13,10) \sqcup (2,3) \sqcup (16,15) \sqcup (9,11)$
$T_5^1 \sqcup 3T_2^1$	$(5, \infty, 10, 11, 13) \sqcup (4, 7) \sqcup (0, 2) \sqcup (9, 12)$ $(7, \infty, 4, 5, 8) \sqcup (17, 19) \sqcup (0, 3) \sqcup (12, 14)$
$15 \sqcup 312$	$(7, \infty, 4, 5, 8) \sqcup (17, 19) \sqcup (0, 3) \sqcup (12, 14)$ $(7, 8, 6, 9, \infty) \sqcup (13, 14) \sqcup (1, 3) \sqcup (19, 20)$
	$(7, 8, 9, 9, \infty) \sqcup (13, 14) \sqcup (1, 3) \sqcup (19, 20)$ $(1, 11, 2, 10, 3) \sqcup (0, 6) \sqcup (9, 4) \sqcup (8, 12)$
	$(1, 11, 2, 10, 3) \sqcup (0, 0) \sqcup (9, 4) \sqcup (0, 12)$ $(1, \infty, 13, 10, 7) \sqcup (2, 3) \sqcup (16, 15) \sqcup (9, 11)$
	$(1, \infty, 10, 10, 1) \sqcup (2, 3) \sqcup (10, 13) \sqcup (9, 11)$ $(5, \infty, 10, 11, 16) \sqcup (4, 7) \sqcup (0, 2) \sqcup (9, 12)$
$T_5^2 \sqcup 3T_2^1$	$(6, 4, 5, 8, \infty) \sqcup (17, 19) \sqcup (0, 3) \sqcup (12, 14)$
5 5 5 5 2	$(7, 8, 6, 9, 11) \sqcup (13, 14) \sqcup (1, 3) \sqcup (19, 20)$
	$(3, 10, 2, 11, 5) \sqcup (0, 6) \sqcup (4, 8) \sqcup (17, 7)$
	(0, -0, -, +1, 0) - (0, 0) - (1, 0) - (1, 1)

Table 1: 1-rotational (1-2-3)-labelings.

Forest	Labeling
	$(1, \infty, 13, 5, 7) \sqcup (2, 3) \sqcup (16, 15) \sqcup (9, 11)$
	$(0,3,1,4,\infty) \sqcup (2,5) \sqcup (9,7) \sqcup (10,13)$
$T_5^3 \sqcup 3T_2^1$	$(12, 11, 13, 14, \infty) \sqcup (17, 19) \sqcup (5, 7) \sqcup (9, 6)$
	$(5,8,11,6,7) \sqcup (13,14) \sqcup (2,\infty) \sqcup (19,20)$
	$(6,0,8,9,7) \sqcup (1,11) \sqcup (10,5) \sqcup (16,12)$
	$(11, 13, 12, 15) \sqcup (9, \infty, 1) \sqcup (2, 4, 5)$
	$(8,11,10,12) \sqcup (19,\infty,6) \sqcup (0,2,5)$
$\mathbf{T_4^1} \sqcup 2\mathbf{T_3^1}$	$(0, \infty, 3, 6) \sqcup (16, 13, 14) \sqcup (8, 7, 5)$
	$(17, 16, 15, 13) \sqcup (\infty, 4, 7) \sqcup (0, 3, 1)$
	$(9,15,8,16) \sqcup (11,1,5) \sqcup (3,12,7)$
	$(9, \infty, 8, 6) \sqcup (12, 15) \sqcup (16, 17) \sqcup (1, 2) \sqcup (19, 20)$
$\mathbf{T^1_4} \sqcup 4\mathbf{T^1_2}$	$(5, \infty, 13, 14) \sqcup (9, 6) \sqcup (0, 2) \sqcup (1, 4) \sqcup (17, 19)$
	$(0, \infty, 4, 3) \sqcup (10, 7) \sqcup (16, 18) \sqcup (2, 5) \sqcup (11, 14)$
	$(18, 20, 17, \infty) \sqcup (4, 5) \sqcup (12, 14) \sqcup (8, 10) \sqcup (0, 1)$
	$(0,9,1,11) \sqcup (10,3) \sqcup (12,6) \sqcup (19,14) \sqcup (17,13)$
	$(8, \infty, 9, 5) \sqcup (12, 15) \sqcup (16, 17) \sqcup (1, 2) \sqcup (3, 4)$
m2	$(15, 13, 14, \infty) \sqcup (9, 6) \sqcup (0, 2) \sqcup (1, 4) \sqcup (17, 19)$
$\mathbf{T_4^2} \sqcup 4\mathbf{T_2^1}$	$(0, \infty, 3, 4) \sqcup (10, 7) \sqcup (16, 18) \sqcup (2, 5) \sqcup (11, 14)$
	$(17, 20, 18, 19) \sqcup (4, 5) \sqcup (12, 14) \sqcup (8, 10) \sqcup (0, 1)$
	$(9,0,8,7) \sqcup (1,11) \sqcup (12,6) \sqcup (10,5) \sqcup (16,20)$
	$(8, \infty, 9) \sqcup (13, 12, 15) \sqcup (4, 5) \sqcup (16, 18) \sqcup (1, 2)$
om1 om1	$(19, \infty, 6) \sqcup (11, 10, 12) \sqcup (2, 5) \sqcup (18, 20) \sqcup (1, 4)$
$2\mathbf{T_3^1} \sqcup 3\mathbf{T_2^1}$	$(11, \infty, 14) \sqcup (10, 7, 4) \sqcup (16, 17) \sqcup (0, 2) \sqcup (1, 3)$
	$(20, 17, \infty) \sqcup (14, 13, 15) \sqcup (5, 7) \sqcup (9, 6) \sqcup (0, 1)$
	$(0,9,4) \sqcup (2,10,3) \sqcup (12,6) \sqcup (17,7) \sqcup (1,5)$
	$(8, \infty, 9) \sqcup (12, 15) \sqcup (4, 5) \sqcup (16, 18) \sqcup (1, 2) \sqcup (19, 20) (5, \infty, 13) \sqcup (9, 6) \sqcup (0, 2) \sqcup (18, 20) \sqcup (1, 4) \sqcup (17, 19)$
$\mathbf{T_{3}^{1}}\sqcup 5\mathbf{T_{2}^{1}}$	$(3, \infty, 13) \sqcup (9, 0) \sqcup (0, 2) \sqcup (18, 20) \sqcup (1, 4) \sqcup (17, 19)$ $(11, \infty, 14) \sqcup (4, 7) \sqcup (16, 17) \sqcup (2, 5) \sqcup (8, 10) \sqcup (0, 3)$
13 1 0 1 2	$(11, \infty, 14) \sqcup (4, 7) \sqcup (10, 17) \sqcup (2, 3) \sqcup (8, 10) \sqcup (0, 3)$ $(20, 17, \infty) \sqcup (13, 14) \sqcup (5, 7) \sqcup (10, 11) \sqcup (0, 1) \sqcup (8, 6)$
	$(0,9,4) \sqcup (2,10,3) \sqcup (12,6) \sqcup (17,7) \sqcup (1,5)$
	$(0,0,1) \sqcup (2,10,0) \sqcup (12,0) \sqcup (11,1) \sqcup (1,0)$