ERRATA TO "CHARACTERS OF FINITE COXETER GROUPS AND IWAHORI–HECKE ALGEBRAS"

MEINOLF GECK AND GÖTZ PFEIFFER

p. 5, l. −11: change "$s_1, s_2, s_1s_2, s_2s_1, s_1s_2s_1 = s_2s_1s_2$" to "$s, t, st, ts, sts = tst$".
p. 35, l. 8: change "$4\cos^2(\theta)$" to "$4\cos^2(\theta/2)$".
p. 52, l. 4: change "$z \in Z)$" to "$z \in Z.)$".
p. 63, l. 18: change "a vertex labelled" to "an edge labelled".
p. 81, Theorem 3.2.7: replace (P2) by "Let C be a cuspidal class of W and let $w \in C$ such that $\mathsf{Cyc}(w)$ is terminal. Then $\mathsf{Cyc}(w) = C_{\mathsf{min}}$".
p. 85, l. 11: change "in 1.1" to "in Table 1.1".
p. 170, Proposition 5.6.3: the statement is not correct. Throughout, one has to change "2λ" to "$\lambda \cup \lambda$" which is the partition of n obtained by taking each part of λ twice. With some minor changes, the proof proceeds as before. The proof of Prop. 6.1.5 also has to be changed accordingly.
p. 205, l. -1: it should read "Hence we have $a_\chi = a'_\chi$, as claimed."
p. 235, equation l. 13: change "$\rho(h \otimes 1)$" to "$\rho^k(h \otimes 1)$".
p. 238, l. −16: change "has some non-zero entry as well (since $d_\theta([V]) \neq 0$)" to "has exactly one non-zero entry as well (since $d_\theta([V]) \neq 0$ and since we have the equality $(\sum_{V'} d_{V,V'} \dim_L V')^2 = \sum_{V'} d^2_{V,V'}(\dim_L V')^2)$".
p. 252, l. −8 and equation in l. −3: change "$w \mapsto a_w$" to "$T_w \mapsto a_w$".
p. 253, l. 7: change "u_s $(s \in S)$" to "$\{u_s \mid s \in S\}$".
p. 267, l. 3 and l. 7: change "$X(\mathbf{H})$" to "$\mathbf{X}(\mathbf{H})$".
p. 272, l. 12 and l. 19: the term $\sqrt{u_s u_t}$ should have exponent k.
p. 277, l. 11: change "$e_E\mathbb{C}[G]$" to "$e_E\mathbb{C}[G/B]$".
p. 278, l. 16: change "$B/B \cap N$" to "$N/B \cap N$".
p. 280, equations in l. 3 and l. 9: change "$[G/B]$" to "$|G/B|$".
p. 285, l. 9: change "Use (a)" to "Use (b)"; l. 10: change "use (b)" to "use (c)".
p. 314, l. −3: change "$\mathbb{R}[\sqrt{u_s} \mid s \in S]$" to "$\mathbb{R}[\Gamma_+ \cup \{1\}]$".
p. 315, l. 12: the argument is much easier. Change the whole paragraph "Finally, we show that ...(until the end of the proof)" to "Finally, since $\chi(T_w) \in \mathbb{R}$ for $w = 1$, we see that $\alpha_\chi \in \Gamma_+ \cup \{1\}$".
p. 349, l. −2: change the term $P_{B_l}(u, v)$ to "$P_{B_l}(u, v^{-1}u^2)$".
p. 359, l. −4: change "w" to "x".
p. 367, l. 15: it should be "such that $y < z < w$".
p. 375, l. 5: change "$\mathbf{A} = \mathbb{Z}[u^{\pm 1}, v^{\pm 1}]$" to "$\mathbf{A} = \mathbb{Z}[\sqrt{u}^{\pm 1}, \sqrt{v}^{\pm 1}]$".
p. 375, l. 10: change "$\sqrt{u} < \sqrt{v}$" to "$\Gamma_+ = \{\sqrt{u}^k \sqrt{v}^l \mid l \geq 0\} \cup \{\sqrt{u}^k \mid k > 0\}$".
p. 375, l. −9: The list of characters should be "$\chi_{(1,0)}, \chi'_{(1,12)}, \chi'_{(2,4)}, \chi''_{(2,4)}, \chi_{(4,8)}, \chi'_{(4,7)}, \chi'_{(6,6)}, \chi''_{(6,6)}, \chi'_{(8,3)}, \chi''_{(8,3)}, \chi''_{(9,6)}, \chi_{(9,2)}, \chi_{(12,4)}, \chi_{(16,5)}$".
p. 382, l. 8: change "rank 5" to "rank 4".
p. 383, l. 15: change "already know" to "already known".
p. 384, l. −4: change "where $r = 1$" to "where $J_2 = \varnothing$".
p. 396, l. 16: change "$v_s < v_t$" to "$\Gamma_+ = \{\sqrt{v_s}^k \sqrt{v_t}^l \mid k \geq 0\} \cup \{\sqrt{v_t}^l \mid l > 0\}$".
p. 422, l. 7: change "Proposition 9.4.1" to "Proposition 9.4.3".