Errata for
‘Unitary Reflection Groups’
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Page 2, line 6 The citation should be to 210, not 209.
Page 16, line 7 Change ‘M of V’ to ‘of V’.
Page 21, line 15 Change ‘μ(A)wΣ = Σ’ to ‘μ(A)WΣ = Σ’.
Page 23, line 11 Change ‘primitive group’ to ‘a primitive group’.
Page 24, line −4 Change g.h := (h_{g(1)}, h_{g(2)}, \ldots, h_{g(n)}) to g.h := (h_{g^{-1}(1)}, h_{g^{-1}(2)}, \ldots, h_{g^{-1}(n)}).
Page 26, line −2 Proposition 2.10 should read: If n > 1, then G(m, p, n) is an imprimitive unitary reflection group. If m > 1, then G(m, p, n) is irreducible except when (m, p, n) = (2, 2, 2).
Page 29, line −16 Change ‘then H is conjugate to’ to ‘then m ≥ 4 and H is conjugate to’.
Page 49, line −6 Change ‘by g’ to ‘by G’.
Page 49, line −5 Change ‘hence gP = P’ to ‘hence gP = P for all g ∈ G’.
Page 55, lines −1, −2 The index i runs from 0 to k. That is, the sentence should read: ‘The kth graded component of M ⊗ N is \( \bigoplus_{i=0}^{k} M_i \otimes N_{k-i} \) and so the coefficient of \( t^k \) in \( P_{M \otimes N}(g, t) \) is \( \sum_{i=0}^{k} \text{trace}(g, M_i) \text{trace}(g, N_{k-i}) \).’
Page 84, line 13 Change ‘exponent of G’ to ‘exponent of \( \hat{G} \).’
Page 104, line −13 Include: ‘and let \( B_n^{(k)} \) be the line system for the group \( G(k, 1, n) \).’
Page 104, line −4 Change ‘n ≥ 4’ to ‘n ≥ 5’.
Page 139, line 9 Additional explanation: If \( V_\lambda \) were \( H \)-invariant, then \( V_\lambda \) would be a sum of isotypic components of the \( H \)-module \( V \). Since \( H \) is a normal subgroup of \( G \), the images of \( V_\lambda \) under the action of \( G \) would be a system of imprimitivity for \( G \).
Page 154, line −8 Change ‘\ell ∈ S’ to ‘\ell ∈ \Sigma’.
Page 157, line −7 Change ‘u.v ∈ L’ to ‘u, v ∈ L’.
Page 164, line 13 Change ‘W(\( N_4 \))’ to ‘W(\( N_4 \))’.
Page 166, line 15 Add the sentence ‘By construction, the group G(3, 3, 6) is a subgroup of W(\( K_6 \)) and therefore W(\( K_6 \)) contains a central element of order 6.’
Page 172, line −7 In the summation, change ‘k = 0’ to ‘k = 1’.
Page 174, line 6 Change ‘Lemma 9.8’ to ‘Lemma 9.7’.
Change the display to

\[ 0 = P_0 \subsetneq P_1 \subsetneq \cdots \subsetneq P_r \subsetneq S/I(A) = \mathbb{C}[A] \]

Change ‘occurrences of 1’ to ‘occurrences of ζ’.

Change ‘Harish–Chandra’ to ‘Harish-Chandra’.

Remove ‘D_{3}^{(3)} \perp A_{2}’ from the entry for \( K_{5} \).

In order for Corollary A.10 to hold we need to specify that \( R \) is an affine domain; that is, \( R \) is an integral domain which is finitely generated as a \( K \)-algebra, where \( K \) is a field.

Replace ‘dim \( N \)’ with ‘dim \( R_{N} \)’.

Replace ‘dim \( M \)’ with ‘dim \( R_{M} \)’.

Replace ‘\( R_{0} \)’ with ‘\( R' \)’.

Replace ‘1985’ with ‘2003’.