

Errata to

L. W. Christensen, O. Veliche, and J. Weyman, *Three takes on almost complete intersection ideals of grade 3*. In I. Peeva (ed) *Commutative Algebra: Expository Papers Dedicated to David Eisenbud on the Occasion of his 75th Birthday*. Springer Nature, Cham 2022

2 June 2022

Careful readers have found the following errors and misprints in the article.

Page 230, lines 7–8: A plus sign is missing and a minus should be a plus in equation (3). The correct equation is

$$(3) \quad \begin{aligned} \partial_3(e_4 f_j) &= \text{Pf}_{\overline{123}}(U) f_j \\ &\quad + (-1)^j e_4 (\text{Pf}_{\overline{23j}}(U) e_1 + \text{Pf}_{\overline{13j}}(U) e_2 + \text{Pf}_{\overline{12j}}(U) e_3 + \text{Pf}_{\overline{j}}(U) e_4) \\ &= (-1)^j (\text{Pf}_{\overline{23j}}(U) f_1 + \text{Pf}_{\overline{13j}}(U) f_2 + \text{Pf}_{\overline{12j}}(U) f_3) + \text{Pf}_{\overline{123}}(U) f_j, \end{aligned}$$

Page 230, lines 13–14: Two signs are wrong (which cancels with the mistakes in lines 7–8). The correct equation is

$$\begin{aligned} \partial_3(e_4 f_4) &= t_{15} f_1 + t_{25} f_2 + t_{35} f_3 + t_{45} f_4 = \partial_3(g_2) \quad \text{and} \\ \partial_3(e_4 f_5) &= -(t_{14} f_1 + t_{24} f_2 + t_{34} f_3 - t_{45} f_5) = -\partial_3(g_1). \end{aligned}$$

Page 233, lines 2, 4, and 6: A symbol was typeset incorrectly, the display in line 2 should be

$$\partial_1 = (\text{pf}_{\mathcal{U}} \quad \text{pf}_{\mathcal{U}(\overline{12})} \quad \text{pf}_{\mathcal{U}(\overline{13})} \quad \text{pf}_{\mathcal{U}(\overline{23})})$$

and the same mistake occurs in lines 4 and 6.

Page 235, line 10: The sign is wrong, the display should be

$$\partial_3(e_i f_j) = \partial_1(e_i) f_j + \partial_2(f_j) e_i.$$