

Errata

Valery G. Romanovsky and Douglas S. Shafer
The Center and Cyclicity Problems,
A Computational Algebra Approach

Every page reference in the index should be decreased by 2.

- p. 22** line 3 of Theorem 1.3.5, \tilde{g}_i should be \tilde{g}_j
- p. 52** Exercise 1.9, first line, should read $f \neq 0$ and g
- p. 54** Table 1.10, input should read Polynomials $f, g \in k[x]$, $f \neq 0$
- p. 54** Exercise 1.29 $\langle \text{LT}(G) \setminus \{g\} \rangle$ should be $\langle \text{LT}(G \setminus \{g\}) \rangle$
- p. 60** Theorem 2.1.5(2) \mathbf{x}_0 should be $\mathbf{0}$ (two occurrences)
- p. 61** Last display, the expression of the form $\frac{\alpha y^4}{\beta}$ should be printed as $\frac{\alpha}{\beta} y^4$
- p. 210** Exercise 4.5, last sentence, $[\nu][\mu] = [\nu\mu]$ should be $[\nu][\mu] = [\nu + \mu]$
- p. 268** First line of the proof of corollary 6.2.10, $g_{kk}(a, \bar{a}) = g_{kk}^{\mathbb{R}}(A(a, \bar{b}), B(a, \bar{b}))$ should be $g_{kk}(a, \bar{a}) = g_{kk}^{\mathbb{R}}(A(a, \bar{a}), B(a, \bar{a}))$
- p. 268** Ninth line from the bottom, $g_{kk} = f_1 g_{k_1, k_1} + \cdots + f_m g_{k_m, k_m}$ should be $g_{kk} = f_{k,1} g_{k_1, k_1} + \cdots + f_{k,m} g_{k_m, k_m}$