

ERRATUM

A.E. Eremenko: Meromorphic solutions of algebraic differential equations
Russian Mathematical Surveys 37:4, 61-95

The author has sent the following amendments:

Page 69, lines 8 and 10: replace k by m .

Page 74, 14 lines up: insert a closing parenthesis before $+1$ and remove the parenthesis after $+1$.

Page 77, 3 lines up: change $\deg Q_m = n$ to $\deg Q_j = n_j$.

Page 77, 2 lines up to page 78, 5 lines down: replace with "By the change $\alpha \mapsto \alpha^{-1} + a$, $a \in \mathbf{C}$, in (4.2) we can put the equation into the form

$$P_m(\beta)(D\beta)^m + \dots + P_0(\beta) = 0,$$

where,

$$(4.3) \quad \deg P_j = \max_{0 \leq k \leq m} (n_k + 2k) - 2j, \quad j = 0, \dots, m.$$

From (2.3) and the corollary to Theorem 5 it follows that $\deg P_0 < 2m$.
Using now (4.3) with $j = 0$, we obtain

$$n_j \leq 2(m - j), \quad j = 0, \dots, m.$$

Thus,"

Page 79, 17 lines up (equations of type C): replace $(y - a(Z))$ by $(y - a(Z))^2$.