NOTES AND ERRATA, VOLUMES 7, 13.

Volume 7.

Page 337. Max Mason: On the boundary value problems of linear ordinary
differential equations of second order.

Equation (22) and the one preceding it are incorrect. The error necessi-
tates the following alterations in order that proper account be taken of the
case where $y = \text{const.}$ is a solution of the boundary value problem.

Add to the footnote on page 345: In case that $B \equiv 0$, that

$$\int_{x_1}^{x_2} APdx = 0,$$

and that the boundary condition (29) may be satisfied by $y = \text{const.}$, the
condition

$$\int_{x_1}^{x_2} APydx = 0$$

is to be added to the condition expressed by equation (19).

Lines 3, 4, 5 of page 347 should be replaced by:

$$\int_{x_1}^{x_2} APdx = 0,$$

and, as is seen from the expression for $J$, unless $B \equiv 0$.

The last four lines of page 347 should be replaced by: In this case the
condition

$$\int_{x_1}^{x_2} APu_h dx = 0$$

is satisfied by the approximating functions, so that from the first equation on
this page it follows that

$$\delta_h = \int_{x_1}^{x_2} AP\gamma_h^2 dx = 1.$$

In the first seven lines of page 348 $\delta_h$ should be replaced by unity, and the
equation

$$\int_{x_1}^{x_2} AP\bar{u}_h dx = 0$$

should be added to line 6 of page 348.

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The material from "Now equations (32) ..." in line 18, page 351, to the end of § 2 should be omitted.

On page 352, four lines from the bottom, the words "and it has been shown above that \( y_0 \) satisfies (31)" should be omitted.

On page 353 after equation (34) and on page 357 at the end of § 3 the following should be inserted: An exception occurs in the case that \( y_0 = \text{const.} \) and that

\[
\int_{x_1}^{x_2} \kappa Pdx = 0.
\]

VOLUME 13.


Line 5. For \( (S_1 - R_2) \frac{\bar{v}_2(n-1)}{\bar{v}_1(n-1)} \) read \( (S_1 - R_2) \frac{\bar{v}_2(n-1)}{\bar{v}_1(n-1)} \).

Page 385. E. B. Van Vleck: One-parameter projective groups ... .

Line 12. For \( \frac{B}{\rho} \log \frac{\rho_4}{\rho_3} \) read \( \frac{B}{\rho_1} \log \frac{\rho_4}{\rho_3} \).