Errata

A Correction to: "Formula Manipulations Solving Linear Ordinary Differential Equations (II)" (Vol. 11, No. 2, 1976, pp. 297-337)

By

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The following table of computed result should be inserted between the pages 333 and 334.

\[
Y_0 = (X_0 - 0)^* (1)^* Y_1
\]

TRANSFORMED EQUATION BY TYPE IIS AS FOLLOWS

\[
Y_1'' + F(X_0)^* Y_1' + G(X_0)^* Y_1 = 0
\]

WHERE

\[
F(X) = \frac{X}{X^2 - 1}
\]

\[
G(X) = 0
\]

SINGULAR POINTS ARE

\[
1 \quad -1 \quad \infty
\]

\[
F_0(L) = \left( \frac{1}{2} \right)^* (2L^2 - L)
\]

CHARACTERISTIC EQUATION AT 1 IS

\[
2L^2 - L = L \quad * (2L - 1) = 0
\]

AND NOT APPARENT

\[
F_0(L) = \left( -\frac{1}{2} \right)^* (-2L^2 + L)
\]

CHARACTERISTIC EQUATION AT -1 IS

\[
2L^2 - L = L \quad * (2L - 1) = 0
\]

AND NOT APPARENT

RANK OF INFINITY IS 0

CHARACTERISTIC EQUATION AT INFINITY IS

\[
L^2 = 0
\]

\[
Y_1 = (A+B)^\text{INT} \left( (X_0 - 1)^* (-1/2) \ast (X_0 + 1)^* (-1/2) \ast dX_0 \right)
\]

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