



25. $(ax^2 + bx + c)^2 y''_{xx} + Ay = 0.$

The transformation $\xi = \int \frac{dx}{ax^2 + bx + c}$, $w = \frac{y}{\sqrt{|ax^2 + bx + c|}}$ leads to a constant coefficient linear equation of the form 2.1: $w''_{\xi\xi} + (A + ac - \frac{1}{4}b^2)w = 0.$

References

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