16. $x^2 y''_{xx} + axy'_x + x^n(bx^n + c)y = 0.$

The substitution $\xi = x^n$ leads to an equation of the form 2.11: $n^2\xi y''_{\xi\xi} + n(n-1+a)y'_\xi + (b\xi + c)y = 0.$

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