

16. 
$$y^2(x) + Ay(x)y\left(\frac{a-x}{1+bx}\right) + By(x) = f(x)$$
.

This is a special case of equation 5, Subsection 2.3.

## Reference

**Polyanin, A. D. and Manzhirov, A. V.,** Handbook of Integral Equations: Exact Solutions (Supplement. Some Functional Equations) [in Russian], Faktorial, Moscow, 1998.

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