



1. $y(x + a) - by^\lambda(x) = f(x).$

This is a special case of equation 1, 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.