Розв’язати задачки:

а) $a=\dfrac{\sqrt{|x-1|}-\sqrt[3]{|y|}}{1+\dfrac{x^2}{2}+\dfrac{y^2}{4}}$, $b=x(\operatorname{arctg}(z)+e^{-(x+3)})$;

б) $a=\dfrac{3+e^{y-1}}{1+x^2|y-\operatorname{tg} z|}$, $b=1+|y-x|+\dfrac{(y-x)^2}{2}+\dfrac{|y-x|^3}{3}$;

в) $a=(1+y)\dfrac{x+y/(x^2+4)}{e^{-x-2}+1/(x^2+4)}$, $b=\dfrac{1+\cos(y-2)}{x^4/2+\sin^2 z}$;

г) $a=y+\dfrac{x}{y^2+\left|\dfrac{x^2}{y+x^3/3}\right|}$, $b=(1+\operatorname{tg}^2\dfrac{z}{2})$;

д) $a=\dfrac{2\cos(x-\pi/6)}{1/2+\sin^2 y}$, $b=1+\dfrac{z^2}{3+z^2/5}$;

е) $a=\dfrac{1+\sin^2(x+y)}{2+|x-2x/(1+x^2y^2)|}+x$, $b=\cos^2(\operatorname{arctg}\dfrac{1}{z})$;

ж) $a=\ln\left|(y-\sqrt{|x|})(x-\dfrac{y}{z+x^2/4}\right|$, $b=x-\dfrac{x^2}{3!}+\dfrac{x^5}{5!}$.