

2008-AII: $h_a(x) = \arctan(x e^{ax}); a > 0$

2009-AI: $h(x) = \begin{cases} \arctan\left(\frac{1}{|x-1|}\right) & x \neq 1 \\ 0,5\pi & x = 1 \end{cases}$

2009-AII: $F(x) = -2e^{-x} \cdot \sqrt{e^x - 1} + 2 \arctan \sqrt{e^x - 1}$

2010-AI: $k(x) = 2 \cdot \arctan(\sqrt{x^2 - 1})$

2012-AI: $f_m(x) = \arctan\left(1 - \frac{2}{m \cdot x}\right)$

2013-AI: $F(x) = x \cdot \ln\left(\frac{x^2+4}{2x^2}\right) + 4 \arctan\left(\frac{x}{2}\right) + \pi$

2013-AII: $g(x) = \begin{cases} (x^2 - 1) e^{-x} & x < 1 \\ \frac{\arctan(3-3x)}{x} & x \geq 1 \end{cases}$

2014-AI: $k(x) = -2 \arctan(x)$

2015-AII: $f_a(x) = 2 \cdot \arctan\left(\frac{x^2-a}{x^2+a}\right)$

2016-AI: $f(x) = \arctan\left(\sqrt{\frac{2-x}{2+x}}\right)$

2016-AII: $k(x) = \arctan\left(\frac{(x-1)^2}{(x+1)(x-3)}\right)$

2017-AII: $g(x) = \arctan\left(\frac{1}{x \cdot (1-\ln(x))^2}\right)$

2018-AI: $h(x) = 2 + \arctan\left(\frac{1}{2}x\right) + \pi$

2019-AII: $h(x) = \arctan\left(\frac{x^2-1}{2x}\right)$

2020 oHiMi: $g(x) = \arctan\left(\frac{x+1}{x-1}\right)$

2020-AII: $f(x) = x + \arctan\left(1 + \frac{1}{x}\right)$

2021 oHiMi: $f(x) = 2 \cdot \arctan(3 - 5x - 2x^2)$

2021-AII: $h(x) = x \cdot \arctan\left(\frac{1}{x-1}\right)$

2022-AI: $f(x) = \arctan\left(1 - \frac{2}{5x}\right)$

2023 oHiMi: $f(x) = \frac{\pi}{4} - \arctan\left(\frac{1-x}{x}\right)$

2023-AI: $h(x) = \arctan(1 - x^2)$