Практическое 4

21) $y = 2t\sin t - (t^2 - 2)\cos t$

$y = 2(\sin t + \cos t) - (2t\cos t - \sin t(t^2 - 2)) =$

$= 2\sin t + 2t\cos t - 2t\cos t + \sin t(t^2 - 2) =$

$= \sin t(2 + t^2 - 2) = t^2 \sin t$