FORMULA 3.791.4

$$\int_0^\pi \frac{\left(\frac{\pi}{2} - x\right)\cos x}{1 - \sin x}\, dx = 2\int_0^{\pi/2} \frac{\left(\frac{\pi}{2} - x\right)\cos x}{1 - \sin x}\, dx = \pi \ln 2 + 4G$$