7. $\int_0^\pi x cos(2m+1)x\,dx = 0$ ГХ2 (332)(12a)

8. $\int_0^\pi sin^{v-1}x cosax\,dx = \dfrac{\pi cos\frac{a\pi}{2}}{2^{\nu-1}\nu B(\frac{v+a+1}{2},\frac{v-a+1}{2})}$

$[Re\nu > 0]$ Лб $\bigvee$ 121(68)и, Вт 337и

9. $\int_0^{\pi/2} sin^{v-1}x cosax\,dx = \dfrac{\pi}{2^\nu \nu B(\frac{v+a+1}{2},\frac{v-a+1}{2})}$

$[Rev > 0]$ ГХ2 (332)(9c)

10. $\int_0^{\pi/2} sin^{v-2}x cos\nu x\,dx = \dfrac{1}{\nu-1}sin\dfrac{\nu\pi}{2}$ $[Re\nu > 0]$ ГХ2 (332)(9c)