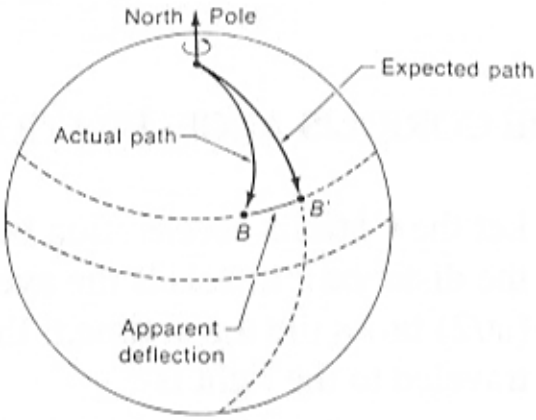
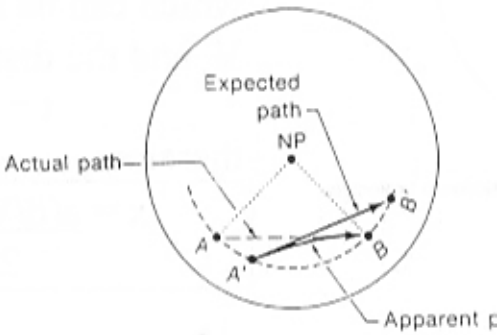


Figure 8.1 Deflection of an equatorward projectile.

Figure 8.2 Deflection of an eastward projectile.



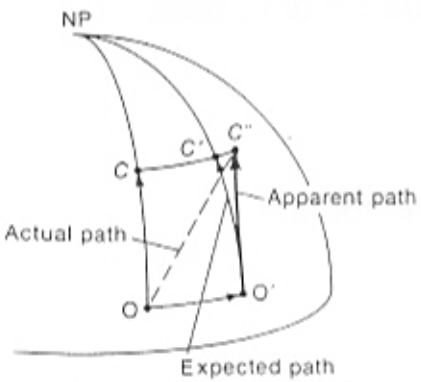


Figure 8.3 Deflection of a projectil northward in the Northern Hemisphe

Table 8.1 Variation of Coriolis Parameter and Coriolis Force with Latitude

Latitude ϕ (deg)	Coriolis parameter f (s^{-1})	Coriolis force ($m\ s^{-2}$) for speeds of		
		5 $m\ s^{-1}$	10 $m\ s^{-1}$	50 $m\ s^{-1}$
0	0	0	0	0
15	$3.8 \cdot 10^{-5}$	$1.9 \cdot 10^{-4}$	$3.8 \cdot 10^{-4}$	$18.9 \cdot 10^{-4}$
30	$7.3 \cdot 10^{-5}$	$3.6 \cdot 10^{-4}$	$7.3 \cdot 10^{-4}$	$36.4 \cdot 10^{-4}$
45	$10.3 \cdot 10^{-5}$	$5.2 \cdot 10^{-4}$	$10.3 \cdot 10^{-4}$	$51.6 \cdot 10^{-4}$
60	$12.6 \cdot 10^{-5}$	$6.3 \cdot 10^{-4}$	$12.6 \cdot 10^{-4}$	$63.1 \cdot 10^{-4}$
75	$14.1 \cdot 10^{-5}$	$7.0 \cdot 10^{-4}$	$14.1 \cdot 10^{-4}$	$70.4 \cdot 10^{-4}$
90	$14.6 \cdot 10^{-5}$	$7.3 \cdot 10^{-4}$	$14.6 \cdot 10^{-4}$	$72.9 \cdot 10^{-4}$