



Fig. 11.10 Solutions of the Hadley Cell model with heating centred at the equator ($\vartheta_0 = 0^\circ$, top) and off the equator ($\vartheta_0 = +6^\circ$ N, bottom), with $\Delta_H = 1/6$. The dashed line is the radiative equilibrium temperature and the solid line is the angular-momentum-conserving solution. In the lower panel, $\vartheta_1 \approx +18^\circ$, and the circulation is dominated by the cell extending from $+18^\circ$ to -36° .¹