



**Figure 2.4** The pie slice shows all points of the form  $\theta_1 x_1 + \theta_2 x_2$ , where  $\theta_1, \theta_2 \geq 0$ . The apex of the slice (which corresponds to  $\theta_1 = \theta_2 = 0$ ) is at  $0$ ; its edges (which correspond to  $\theta_1 = 0$  or  $\theta_2 = 0$ ) pass through the points  $x_1$  and  $x_2$ .