



Figure 1: Schematic picture of  $\Delta, \Delta^-, \Delta_0, \Delta^+$ . We will usually take  $r = \frac{\tau}{2n}$  and  $\delta = \frac{1}{2m}$  for  $n \ll m$ , for example, later in the paper we use  $m = n^{1+\beta'}$  below.