o For dissociation of solute: Consider an electrolyte, AxBy ulnich partially dissociates in solution yielding 2 ions of Att and y ions of B2- and if a is the degree of dissociation and c is the initial concertation of the solute, then we ean write AxBy == 300 20 A A + yB2-Initial concentration: C 2.cd J.Cx Concentrational equilibrium: C-Cd · Total moles at equilibrium = c-cx+cxx+cyx = C[1-d+2xx+yx] -C[1-x(1-2-4 = C[1+xx+yx-x] = c[1+x(x+y-1)] No. of moles after dissociation No. of moles for no dissociation Hence, i = = C(1+ x(3x+y-1)] = 1+ < (2+4-1) e-1 = x (2e+4-1)