Ca Se II : identical particles [indistinguishable particles] DA W+ (4, 12) = 4=(1,) 4,(12) + 4=(12) 40(12) Identical particle because we don't know which particle is on which spetial coordinate and so we on both of them $\Psi_{\parallel} = Ad^{\frac{2}{3}} \sin\left(\frac{\pi n}{2}\right) \sin\left(\frac{\pi n}{2}\right) + \frac{2}{2} \sin\left(\frac{\pi n}{2}\right)$ Sin/ 30 P1 2Ad 3 sin (12) sin (12) En= 2K 1 st encited particle 2 10 (2) sin(272) + 2 sin(272) sin(2)