60x4 (5) with $Reff\left(\frac{11}{i}\right) = \left(\frac{9}{11}R_o^2(9i) + \frac{2}{11}\left(\frac{9}{2}\right)^2\right),$ where Ro ("Li) = 2,5 fm is the "Li radius (Ro = To A 13, To = 1,2 fm), where Birthe correlation length of the cooper pair neutron halo. An estimate of this quantify is provided by the relation 5 = to V= ≈ 20fm, in heezing with the fact that in "Li, (VF/c) = 0.1 and Ecorr = 0,5 Mev. Consequently, <12/2 = 3,74fm (Reff ("Li) ≈ 4,83 fm), in overall agreement with the experimental value (+3)=3.55±0.1 fm (Kobayashi et al., 1989). 🖂 We now proceede to the calculation of the centroid of the digrole sugary reso-nance of 121. Making use of the dispersion relation fiven in Eq. (3.30) p.55 of Bortignon et al, 1998; and of the fact that Ex- Ex= Epy - Ex/2 × 0.5 NeV (see Fig. 11.1 p. 264 Brah and Broske (2010)), Brink D. Mad R. A. Brog lic (2010) Nuclear Sugrafficiality, cambridge University Phess, Campridge 13 332, 51) Bortigron, P.F., A.Bracco and R.A.Broglia (1998) Giant Roso-mances, Harwood Academic Publishers, Amsterdam.