E = -2+ Cor(ka)

(assuming +>0) Dispersion relation E-2t to Energy 4th Energy brad 1st Brillouin Zoue 2nd BZ ---(BZ) Momentain k ~ k+2 The corresponding to same Solution Boudwidth as a function of lattice spacings elatidno u a - increased happing Enax - Enix = 4/41









