ij Take print out

2)

- FCC & HCP: i) Same packing faction (calculate)
 - ii) FCC is ABC arrangement HCP is ABAB arrangement.
 - in) Use LCB) to slow equivalence

Fel AR: V2 a =) R = V2 a

Packing freeton: 4 4 x K

= #6.7x 2/2 at 64

 $= \frac{\sqrt{2} \, \pi}{3} = 0.74 \approx 74\%$

(h.u (2) & a

Eficial; 6 chows = 6 (4x R)/2 = 7 - 74 + -> 74 + -> 74 + ->

3)

Warelength wavevedor in more him f

Energy

X-lays A

> anl, 4/2

nc

elections

A. Idel. the na. OFIA

i/2. Also: 12 = eV => p: 12eV

 $\frac{f^2}{2m} \cdot eV = \frac{h^2}{2mn} / ip$

La Disurse de Paroche f

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