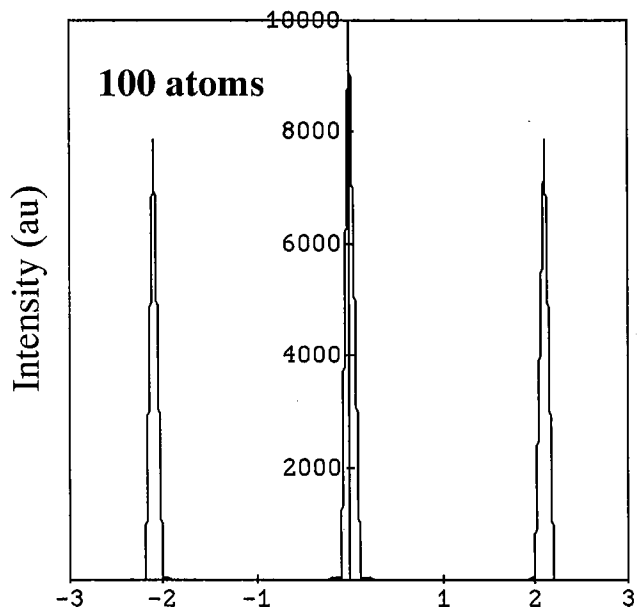
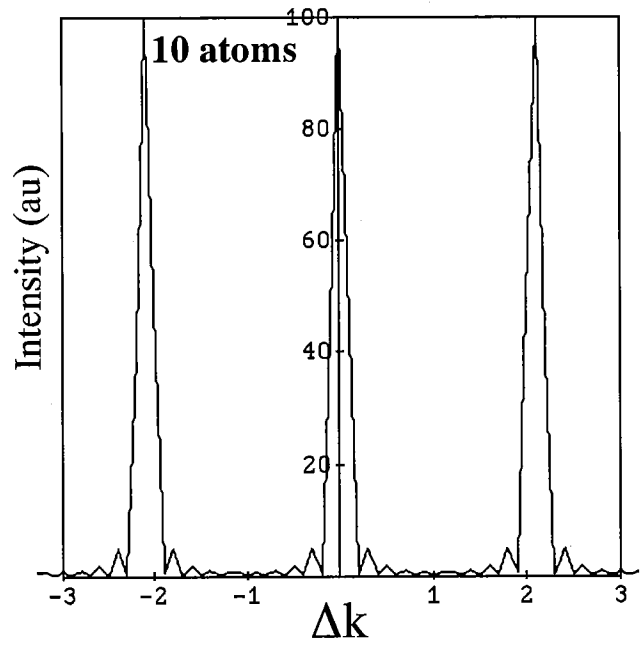
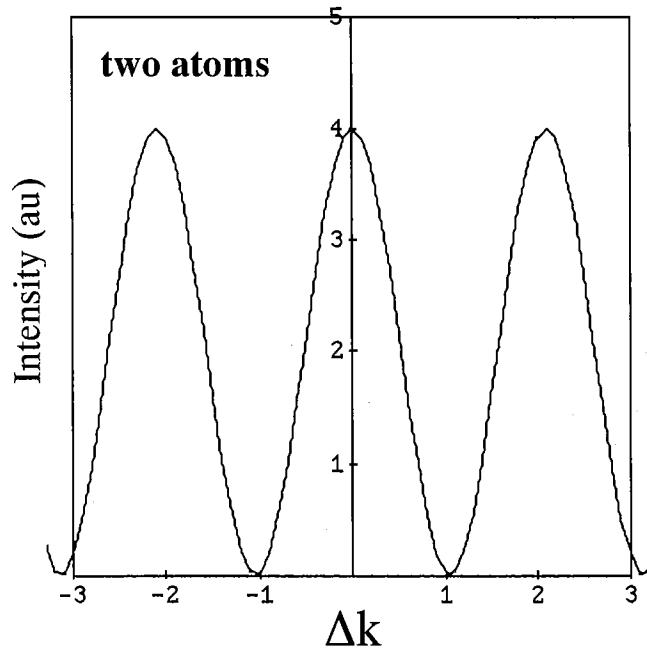
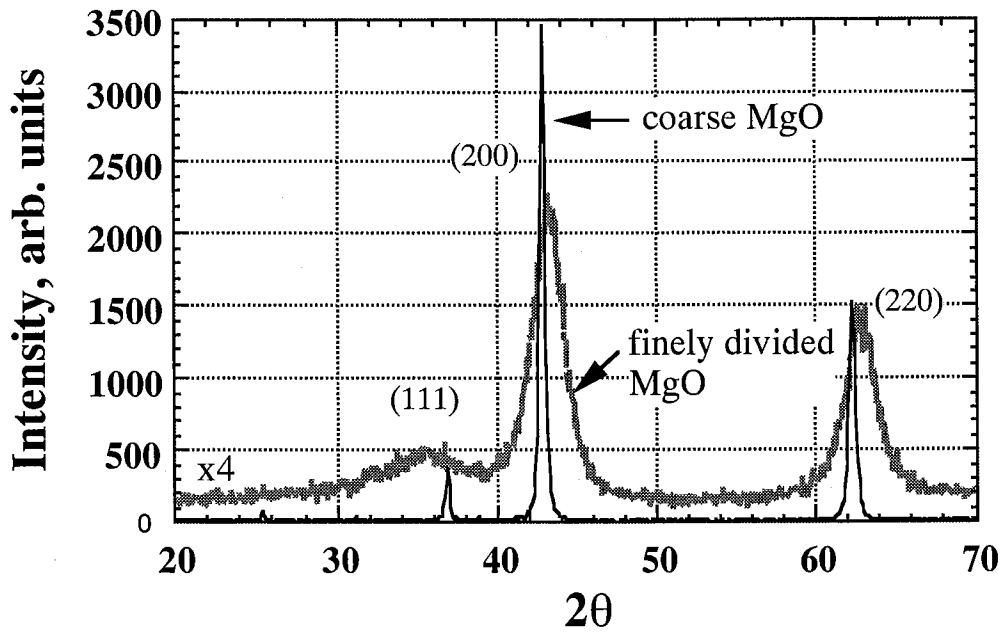


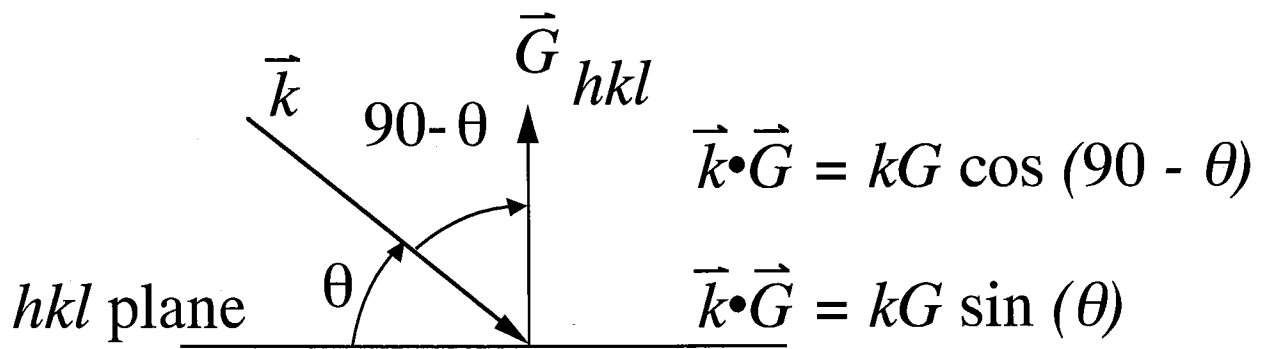
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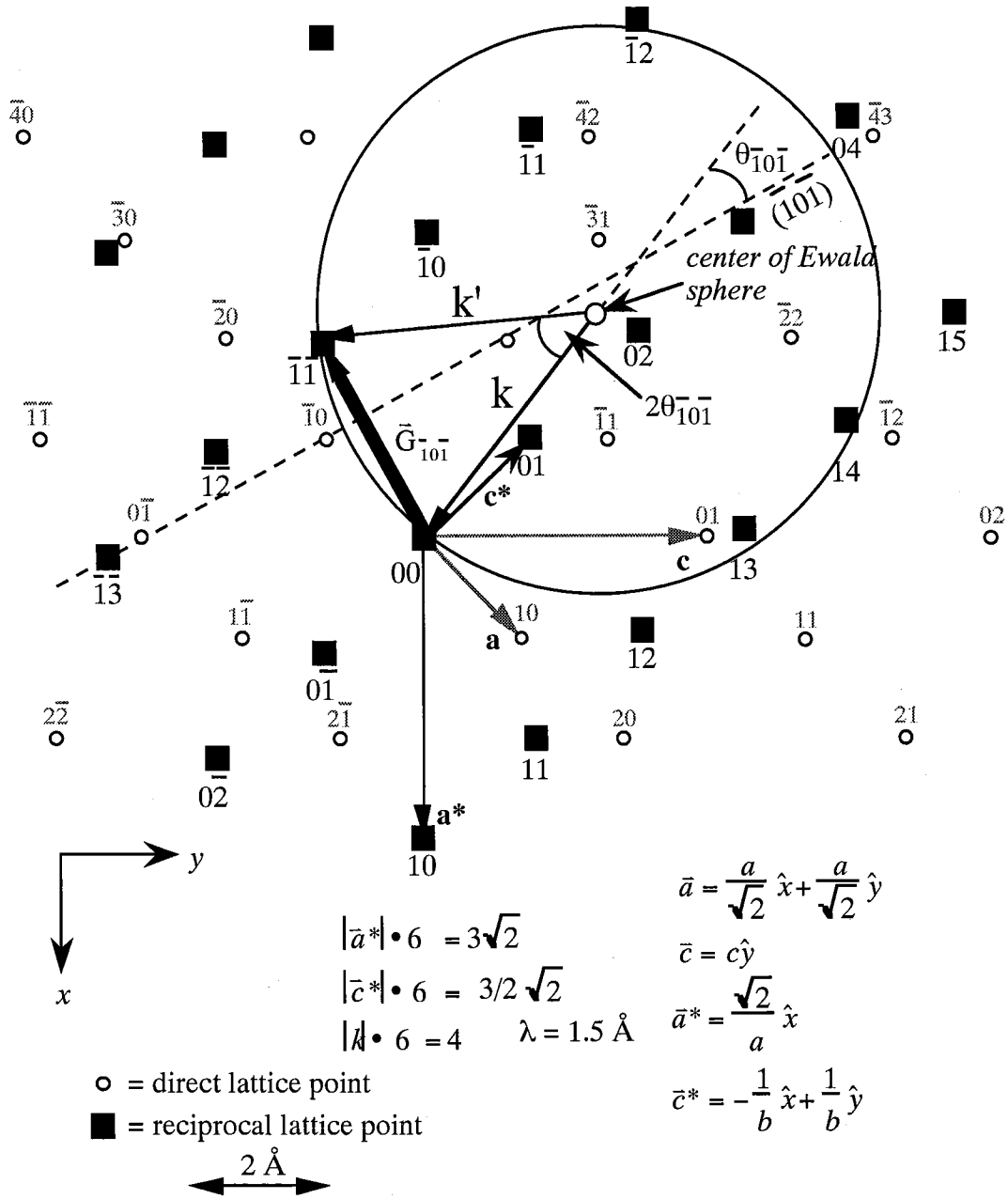


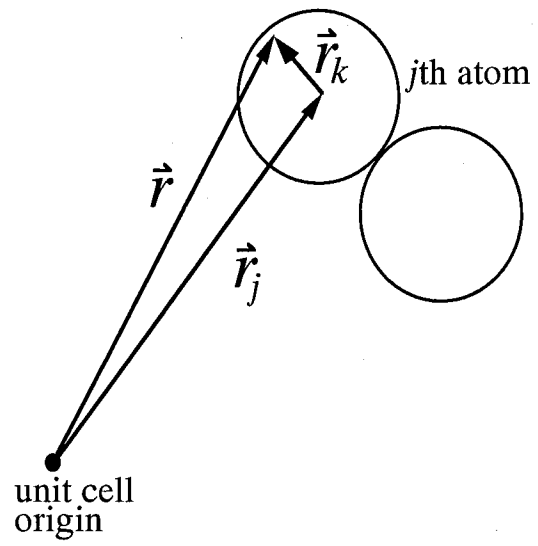
5.4



05



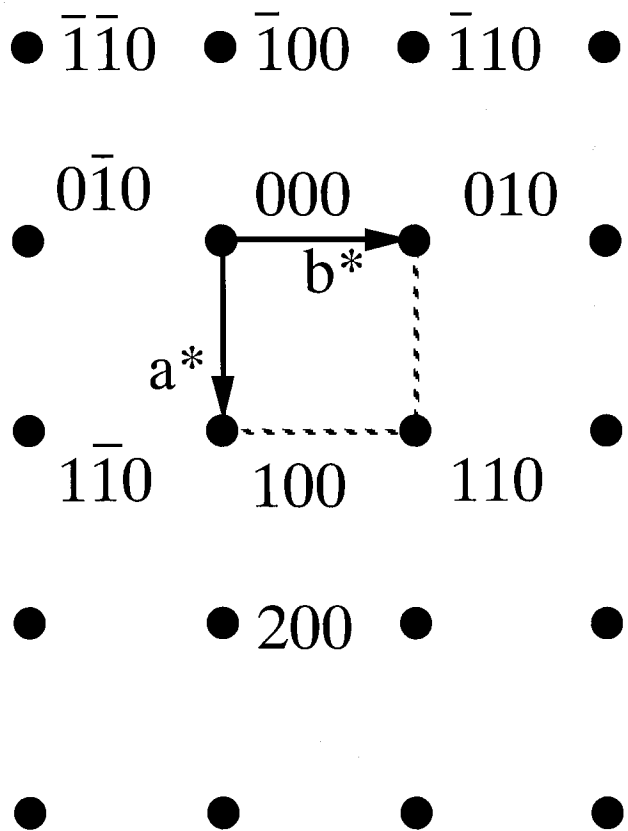




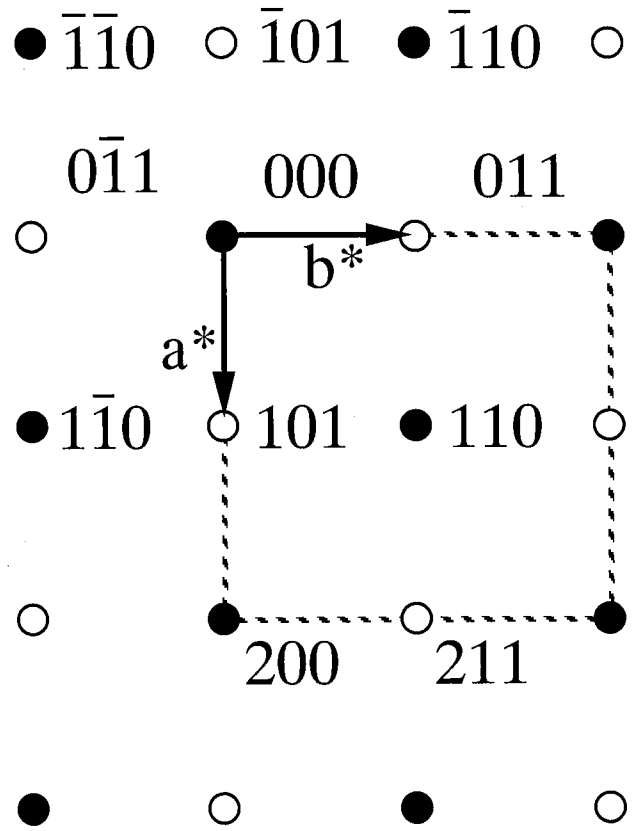


	100	110	111	200	210	211	220	300, 221	310	311	222	320	321	400	410, 322	411, 330	331	420		
$h^2 + k^2 + l^2$	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
<b>P</b>																				
<b>I</b>																				
<b>F</b>																				
diamond																				

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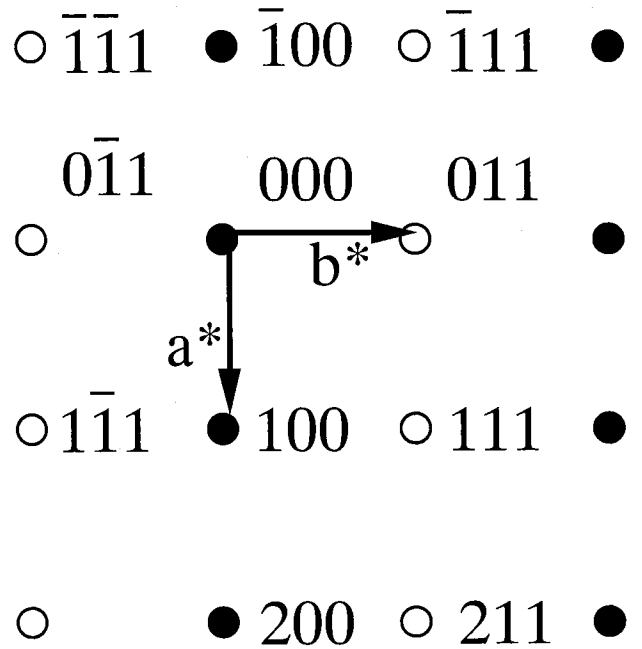
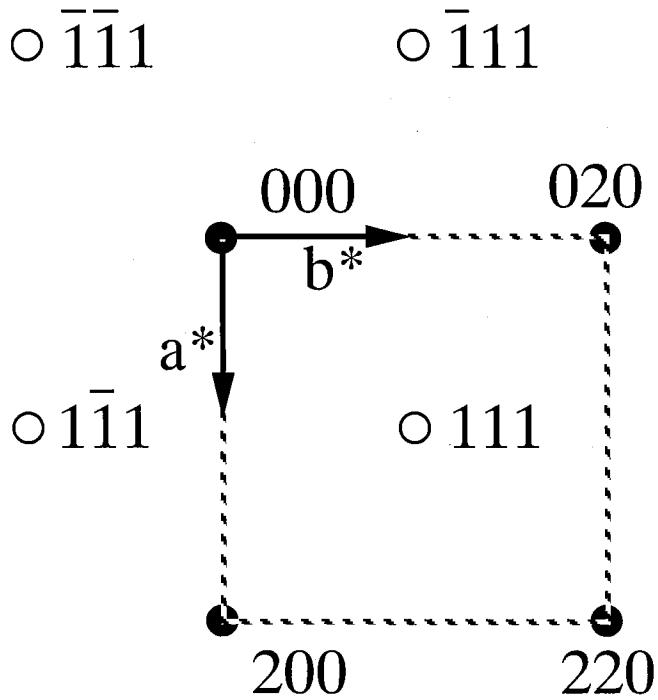


**P** ●  $l = 0, 1, 2, \dots$



**I** ●  $l = 0, 2, \dots$   
○  $l = 1, 3, \dots$

5.10 (a & b)



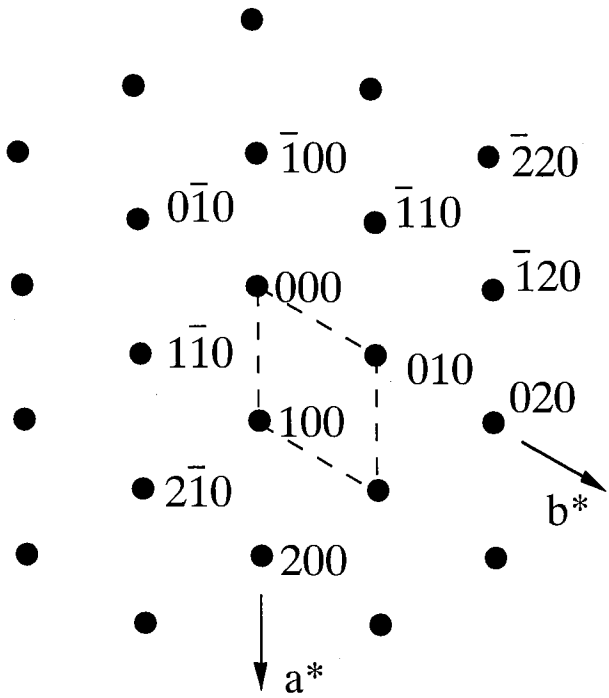
○

**F** ●  $l = 0, 2, \dots$   
 ○  $l = 1, 3, \dots$

○                  ●                  ○                  ●

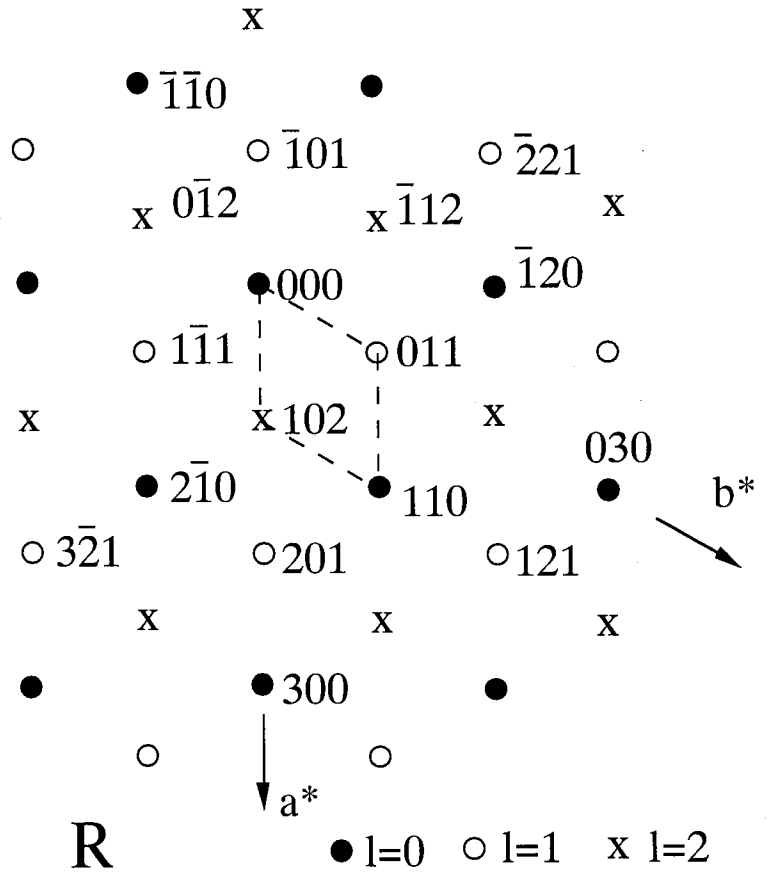
**A** ●  $l = 0, 2, \dots$   
 ○  $l = 1, 3, \dots$

5.0 (c.f.d)



**P** (hexagonal)

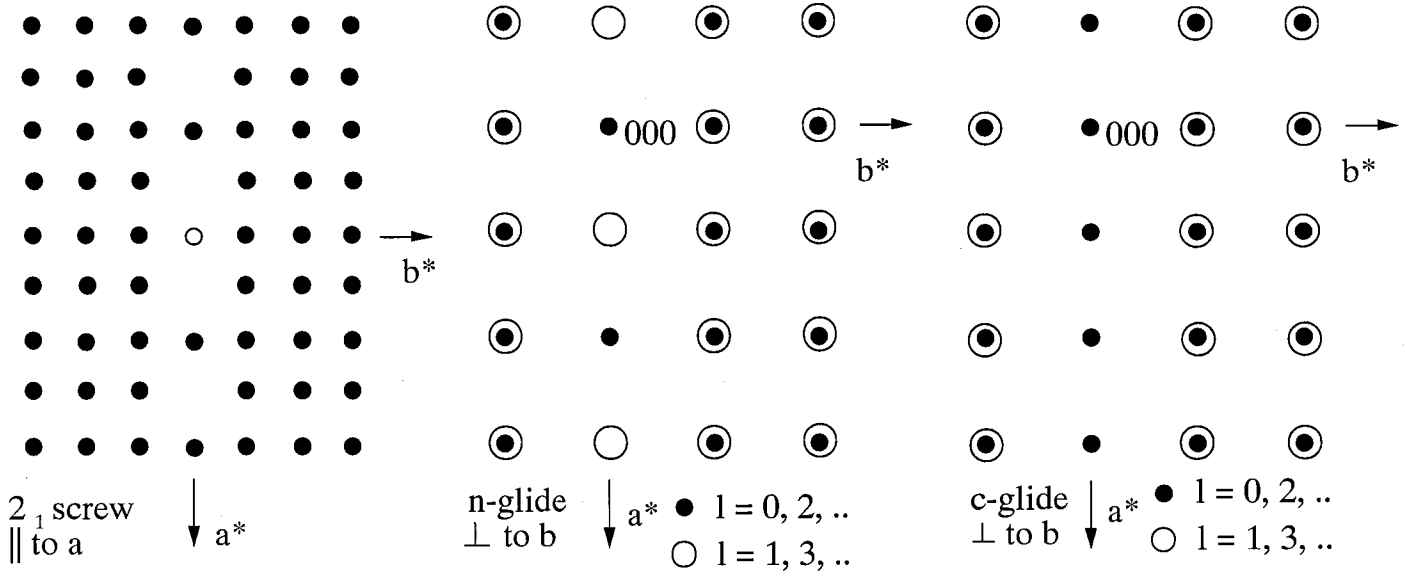
●  $l = 0, 1, 2, ..$



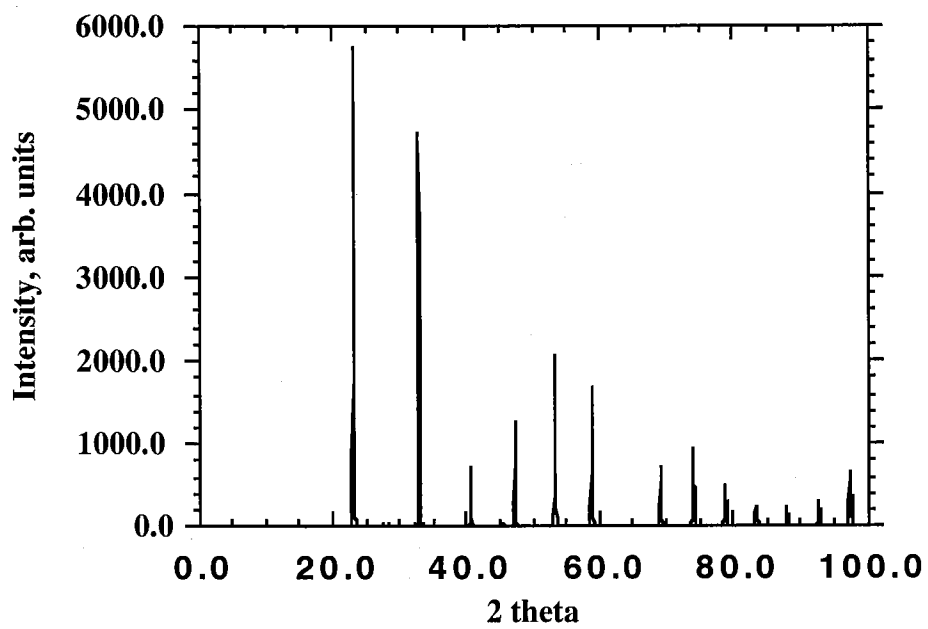
**R**

●  $l=0$  ○  $l=1$  x  $l=2$

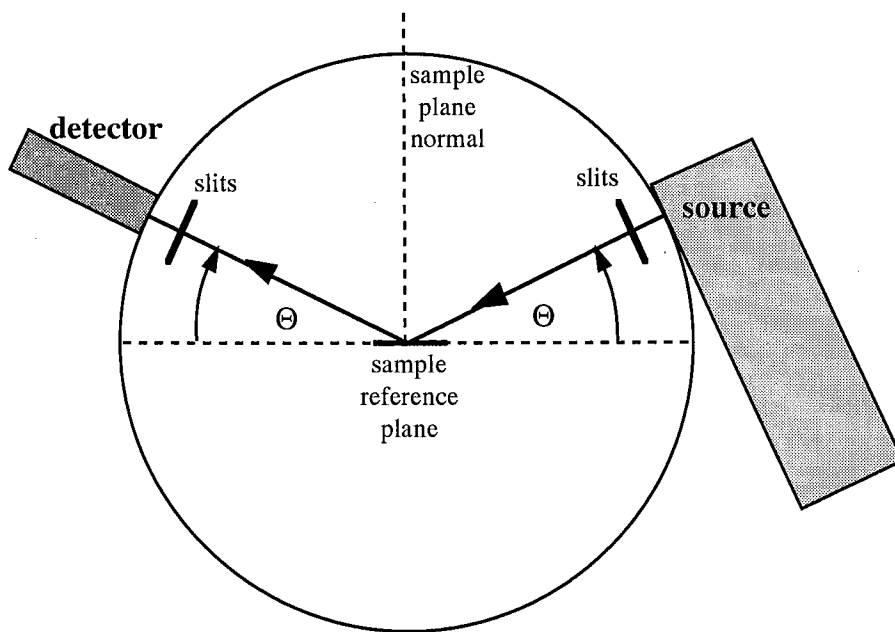
5.10 (28f)

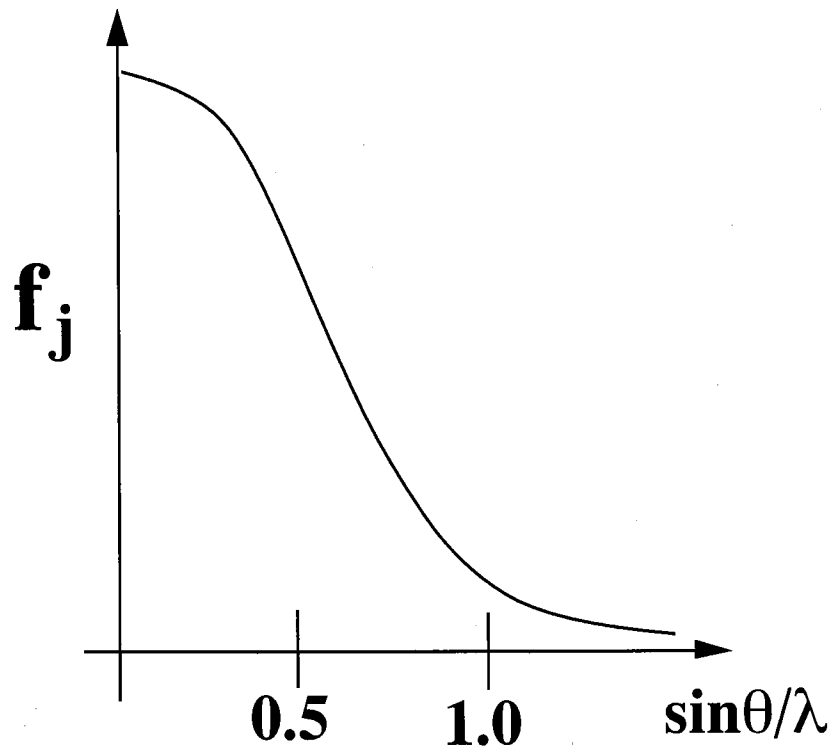


5.10 (9.11)



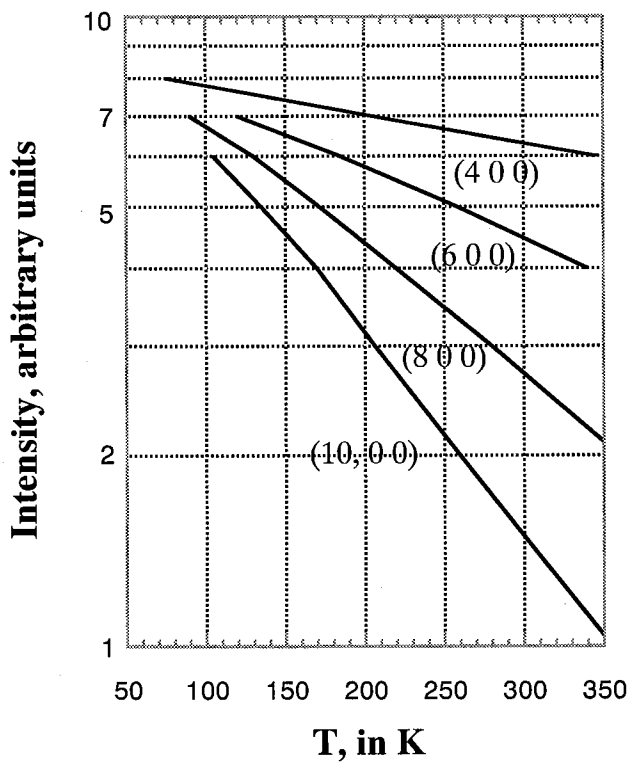
5.11



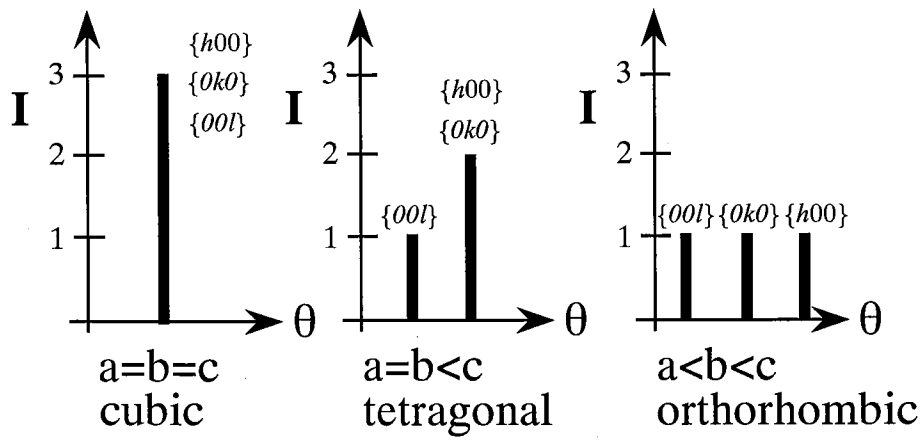


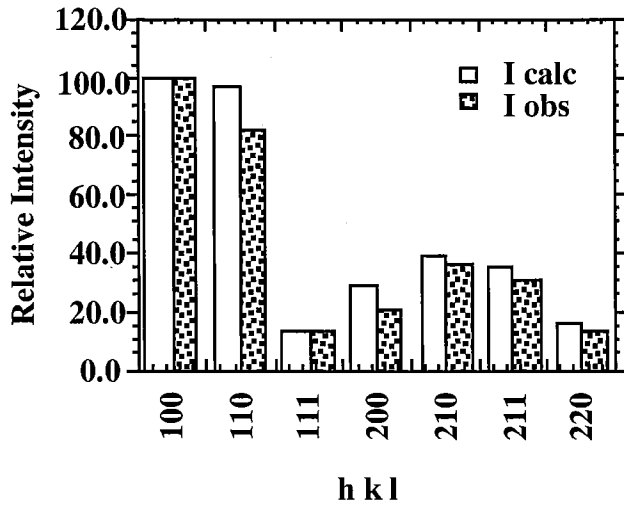


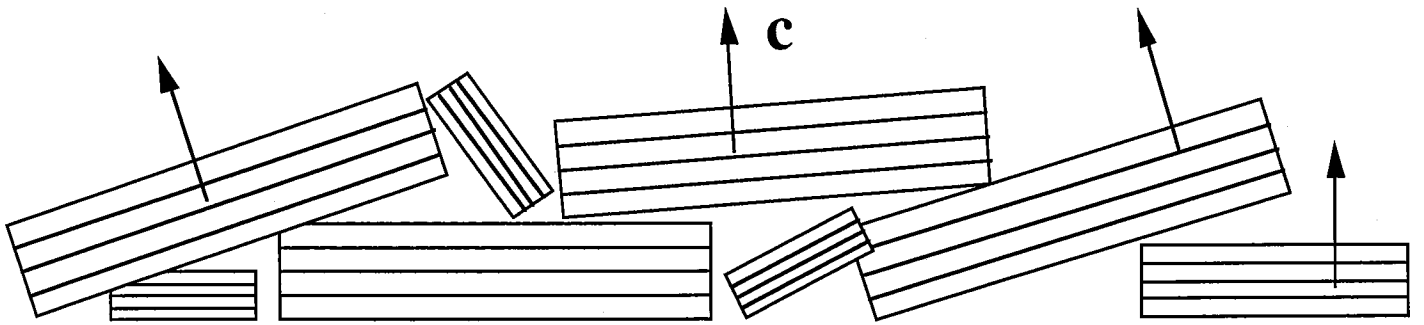
reflection intensity v. T, Al



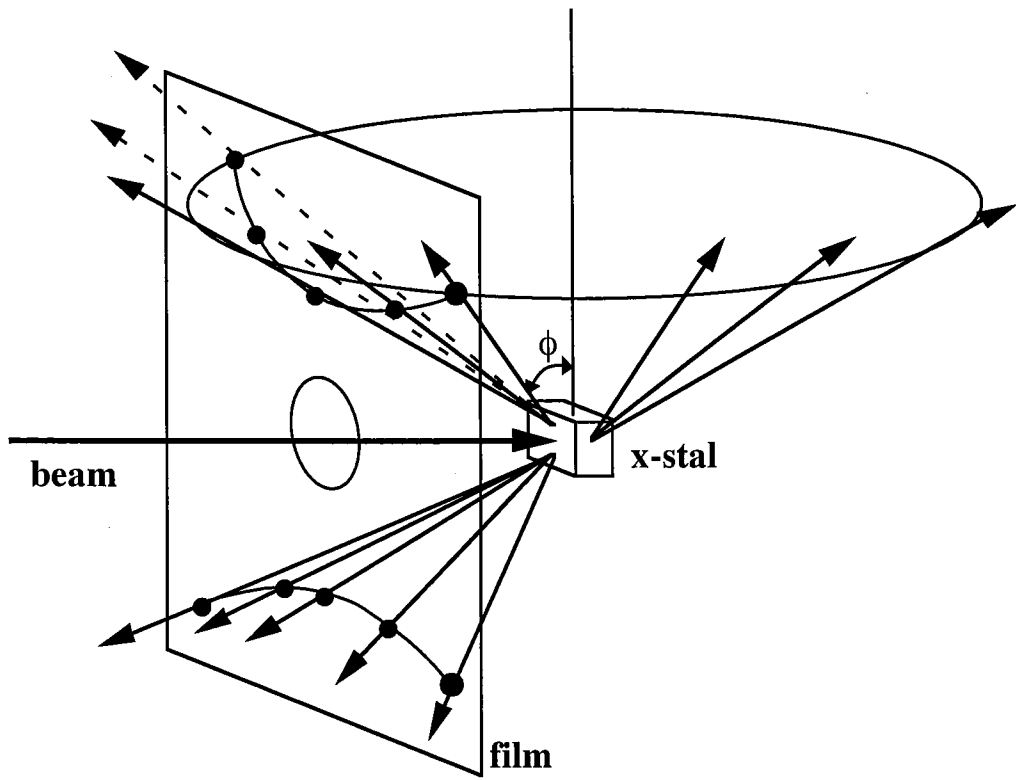
5.126

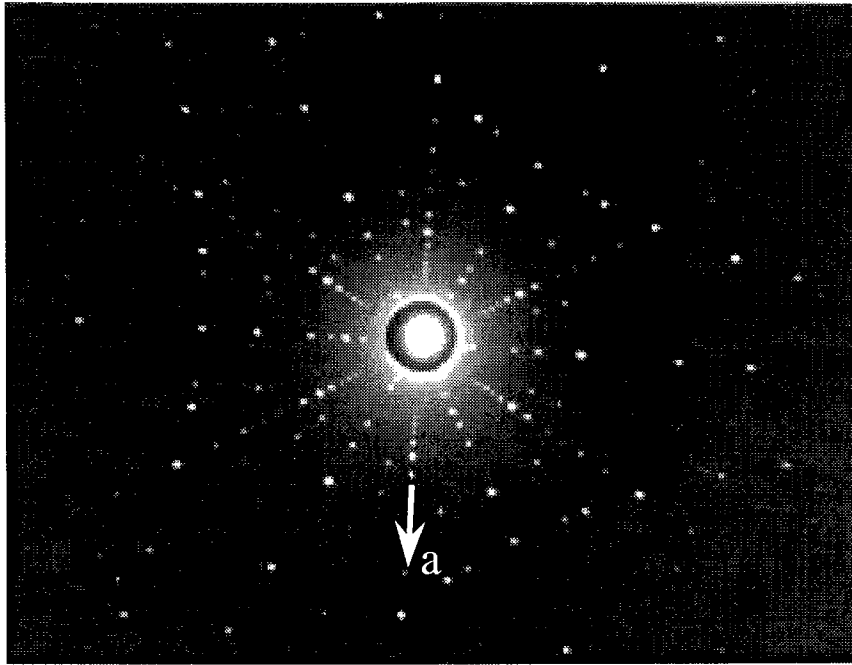




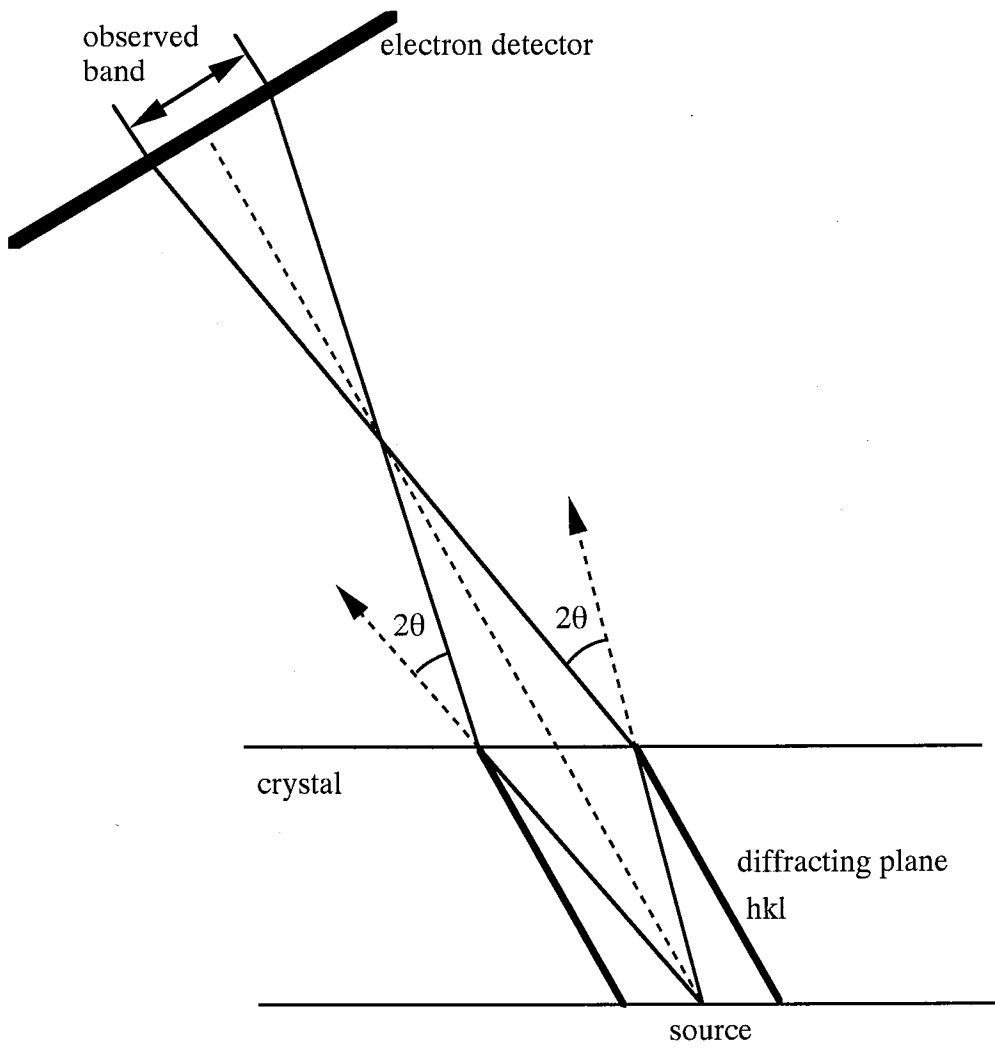


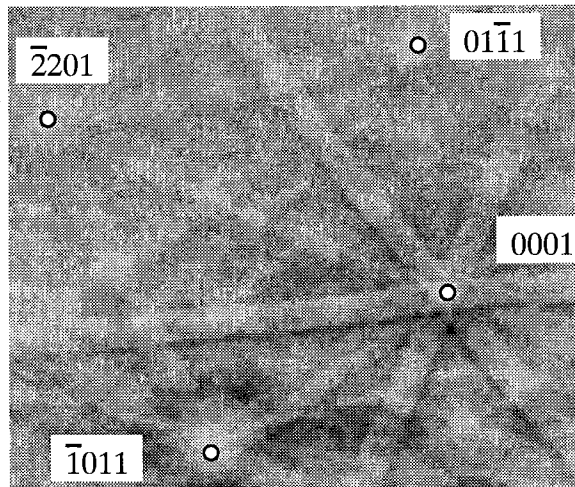
5.17





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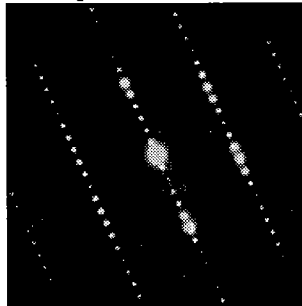


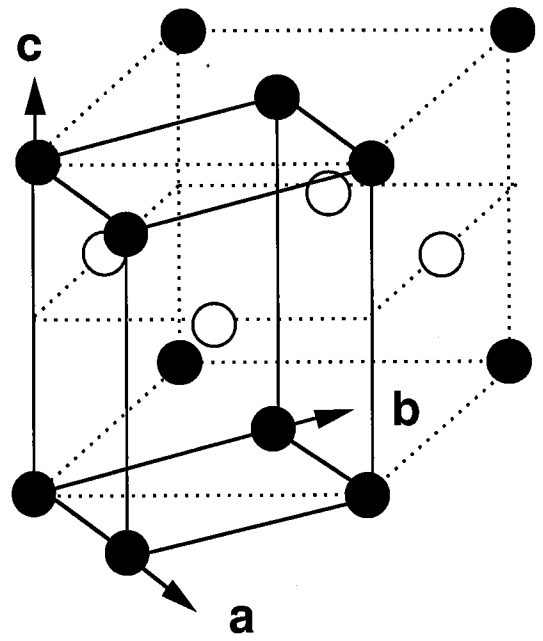
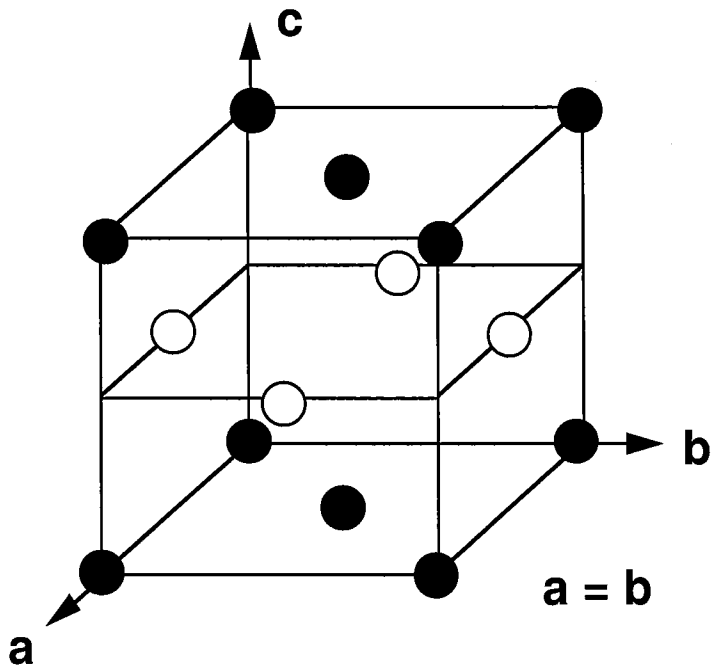


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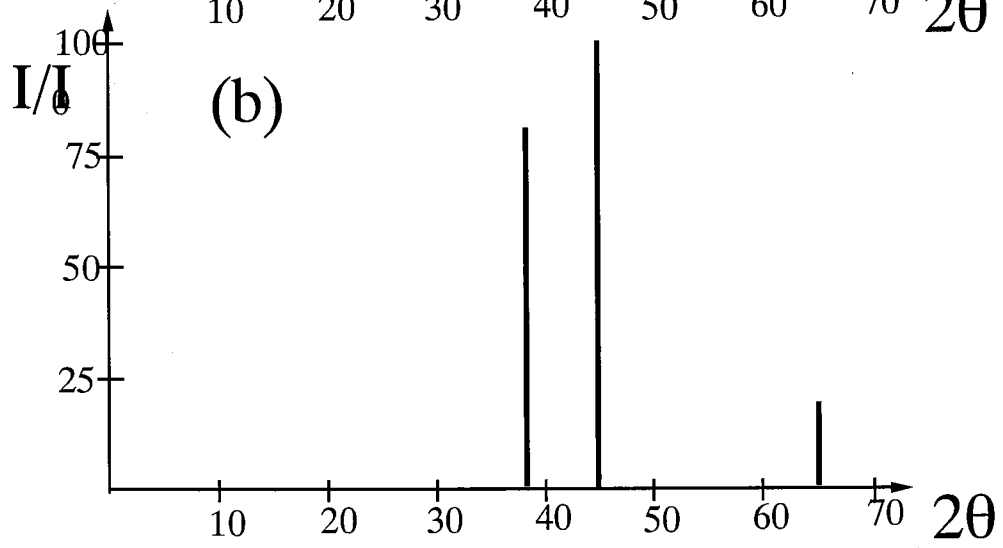
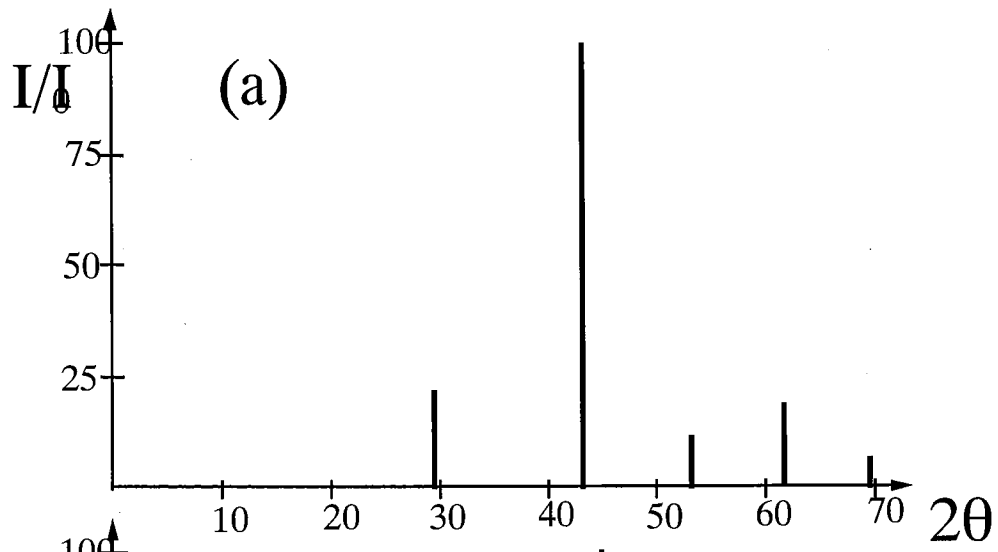


c-axis

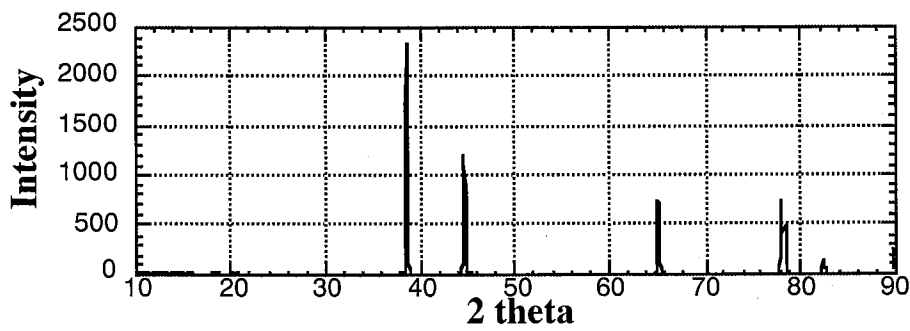
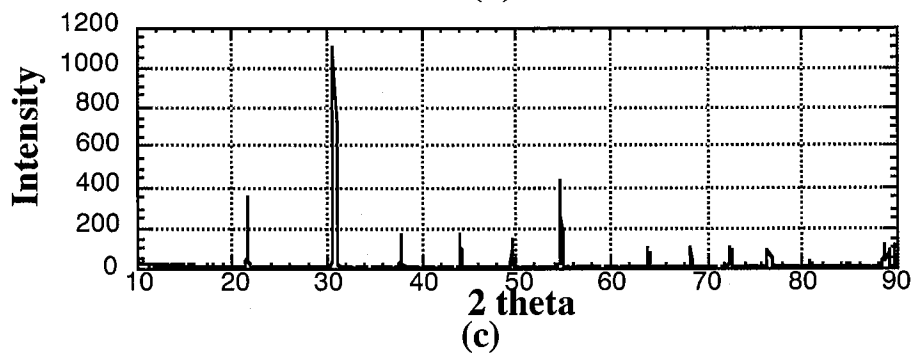
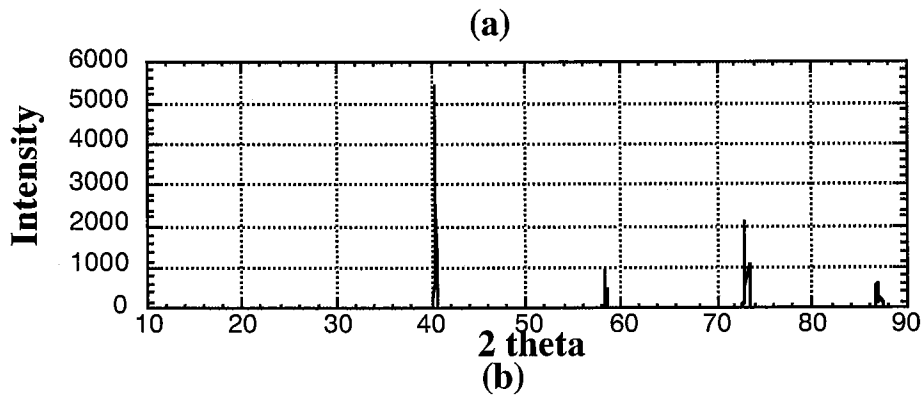




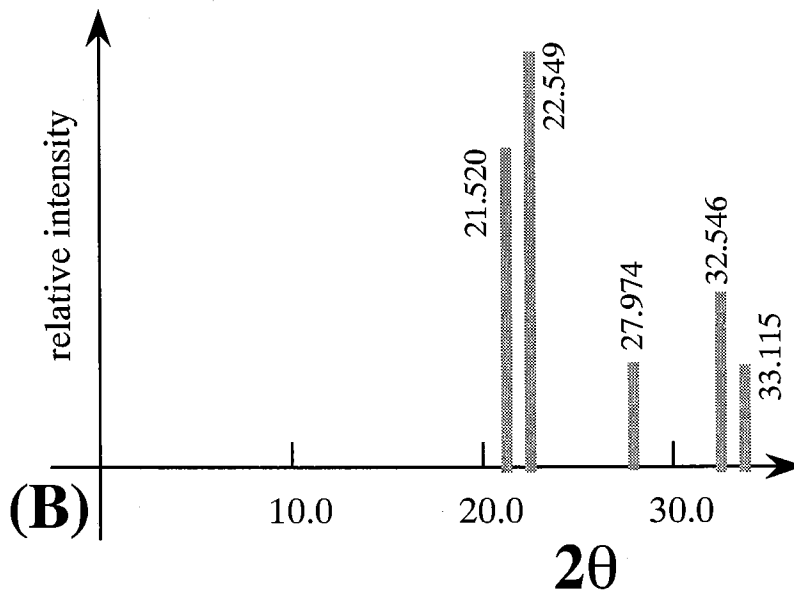
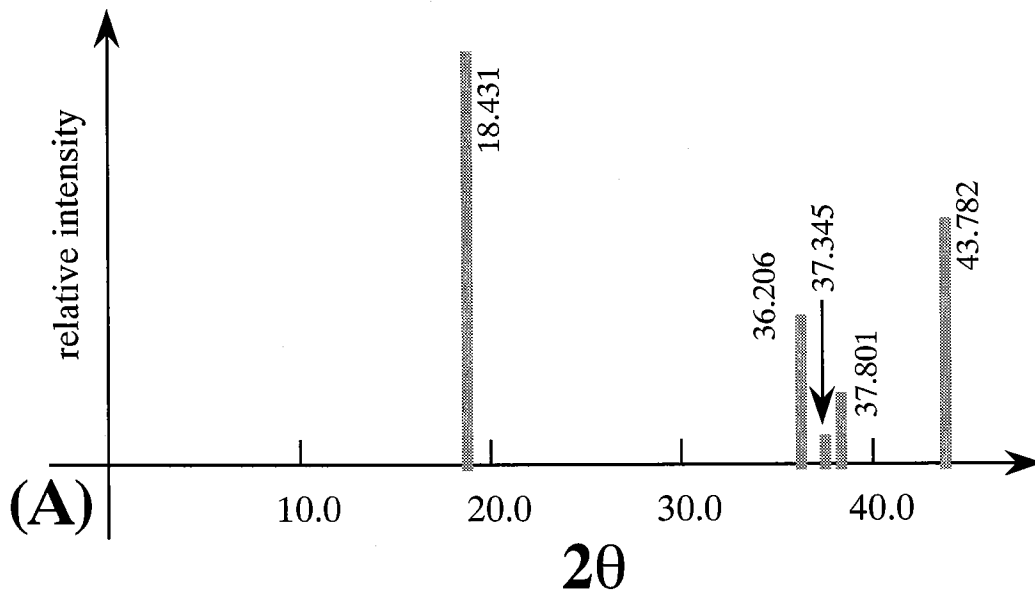
5-28

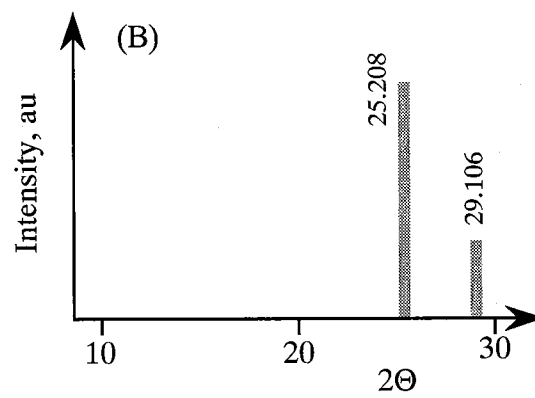
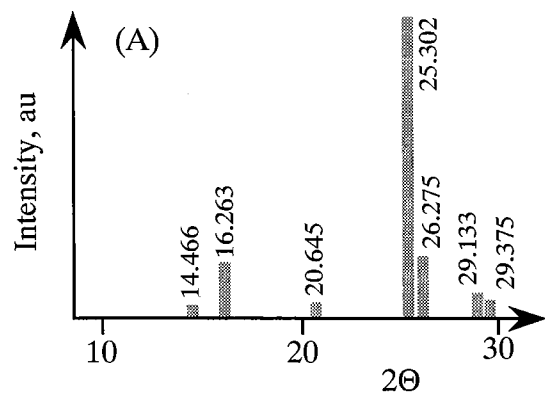


5.24



5.25





5.27

