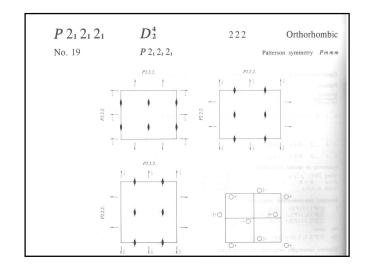
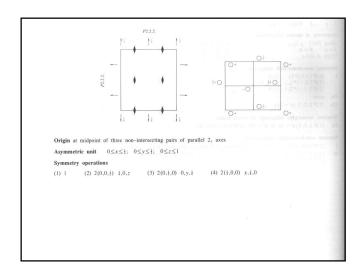
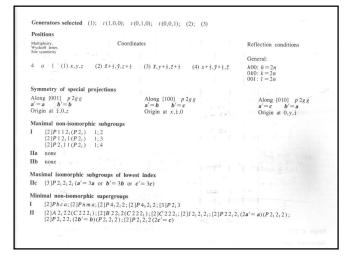
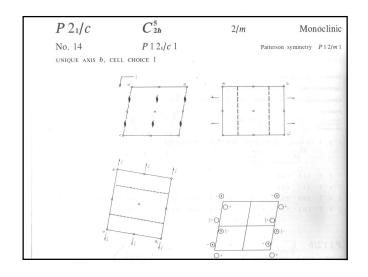
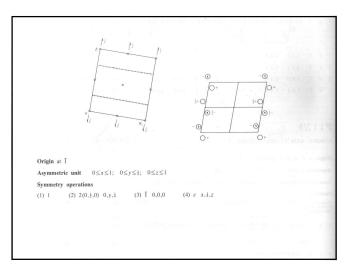
A brief conducted tour of some entries in International Tables for Crystallography, Volume A



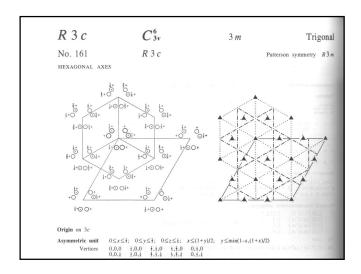


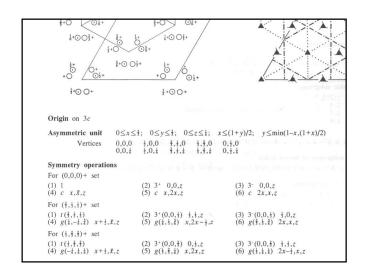


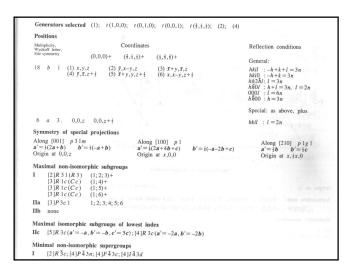




Symmetry of special projections Along [001] $p 2gm$ Along [100] $p 2gg$ Along [010] $p 2$	CONTINUED	N	o. 14	$P 2_{1}/$
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$				
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Generators selected (1); $t(1,0,0)$;	t(0,1,0); t(0,0,1); (2); (3)		
	Positions			
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Wyckoff letter.	dinates	Reflection cond	itions
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	4 e 1 (1) x,y,z (2) $\bar{x},y+\frac{1}{2},\bar{z}+$	$\frac{1}{2}$ (3) $\bar{x}, \bar{y}, \bar{z}$ (4) $x, \bar{y} + \frac{1}{2}, z + \frac{1}{2}$	$ \begin{array}{l} h0l: \ l = 2n \\ 0k0: \ k = 2n \end{array} $	
			Special: as above	e, plus
	2 $d = 1 + \frac{1}{2}, 0, \frac{1}{2} + \frac{1}{2}, \frac{1}{2}, 0$		hkl: k+l=2n	
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	2 c 1 0,0,½ 0,½,0		hkl: k+l=2n	
Symmetry of special projections Along [001] $p 2gm$ Along [100] $p 2gg$ Along [010] $p 2$	2 b Ī ½,0,0 ½,½,½		hkl: k+l=2n	
Symmetry of special projections Along [100] $p 2gm$ Along [100] $p 2gg$ Along [010] $p 2$	2 a $\bar{1}$ 0,0,0 $0,\frac{1}{2},\frac{1}{2}$		hkl: k+l=2n	
Along [010] p2	Symmetry of special projections			
$a = a_p$ $b = b$ Origin at $0,0,z$ $a' = b$ Origin at $x,0,0$ $a' = c_p$ Origin at $x,0,0$ Origin at $x,0,0$	$a' = a_o$ $b' = b$	$a'=b$ $b'=c_n$	$a' = \frac{1}{2}c$	b'=a







...and now for something (completely??) different...

Interactive space groups!