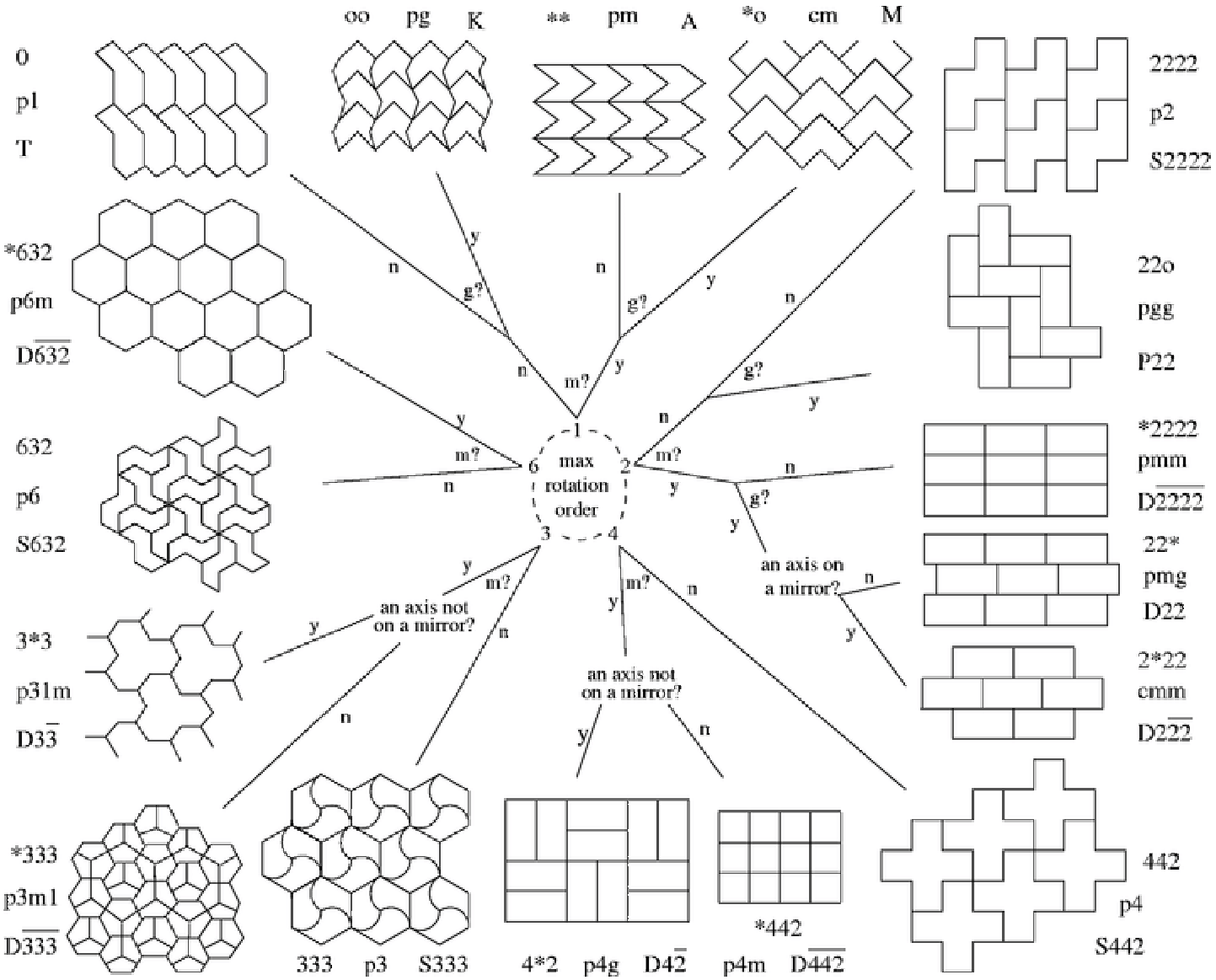
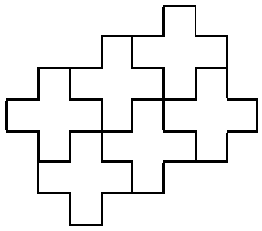
Brian Sanderson's Pattern Recognition Algorithm

Is the maximum rotation order 1,2,3,4 or 6? Is there a mirror (m)? Is there an indecomposable glide reflection (g)? Is there a rotation axis on a mirror? Is there a rotation axis not on a mirror?



Note: Every pattern is identified according to three systems of notation, as in the example below:



442: The Conway-Thurston notation, as used in my tilings page.

p4: The International Union of Crystallography notation.

S442: The Montesinos notation, as in his book Classical Tesselations and Three Manifolds