

(c) (ii) (cont.)

Loop-edge - does Not need to be modified because every edge has two triangles and we are only looking at the vertices of those triangles so do not care whether they are extraordinary

Butterfly-vertex-does NOT need to be modified as the new vertex is identical to the old one regardles of whether or not it is extraordinary. Butterfly-edge - does NOT need to be modified because the configuration shown always exists regardless of the valency of the vertices (some people may notice that it's a bit wierd if one of the "8" vertices has valency 3 or 4 - but it is still OK even than).

(iii) Anything servible is acceptable for the Loop-vertex case

Two example: 10 in centre 10+n elsewhere

10 in centre 6/n elsewhere

Need a big number in the middle Lasmall number everywhere else. In is the valency of the extraordinary vertex. The numbers must sum to 1, so if X is the value at the cartre and B the value elsewhere, you need: X + nB = 1

If people have said that other rules need to be modified, check that they obey the "suns to 1" rule.

