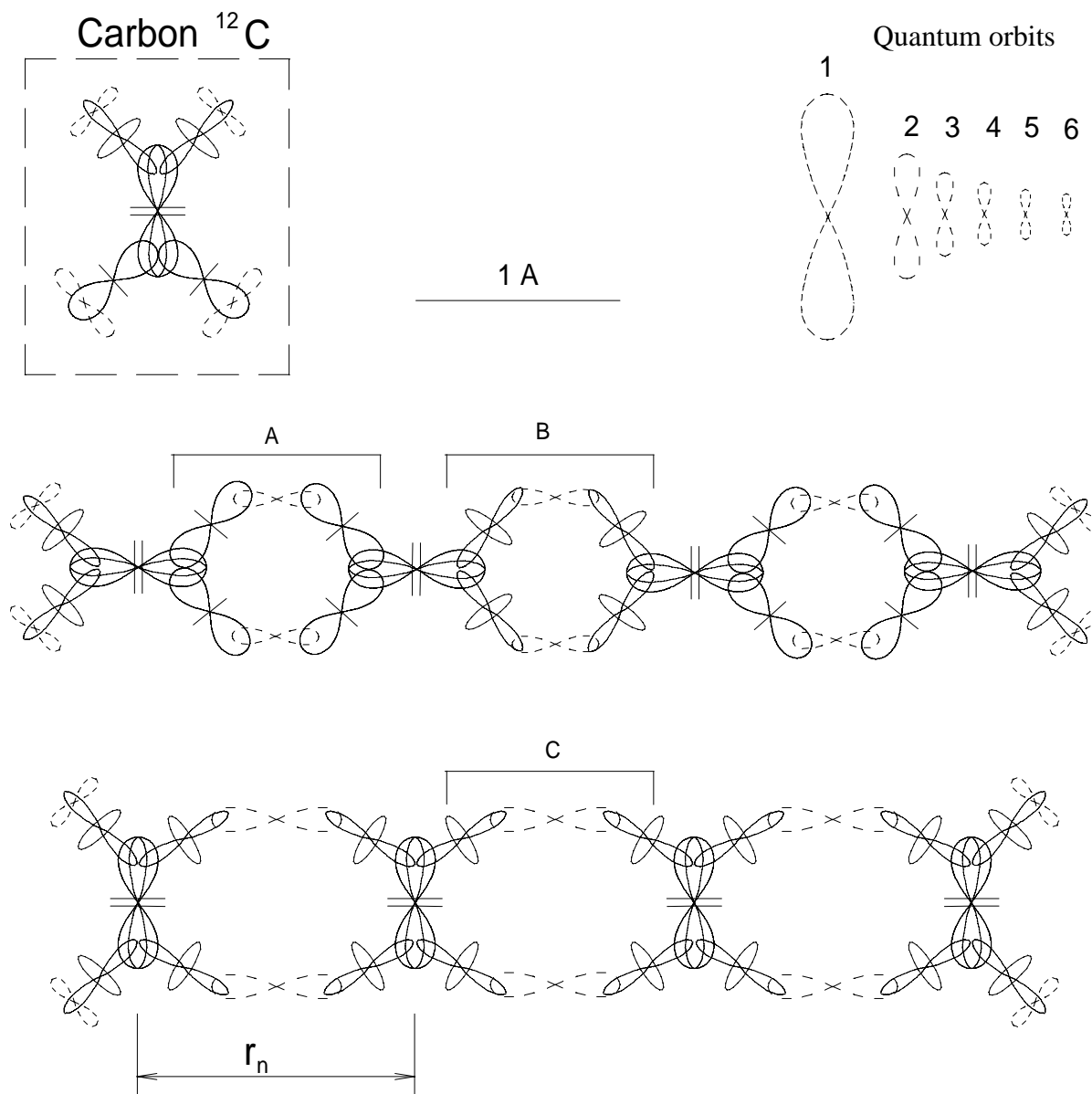


C_4H_4 molecule conformations according to BSM atomic models



r_n - internuclear distance

A - the valence protons lie in the drawing plane

B - the valence protons are perpendicular to the drawing plane

C - the valence protons are at 45° in respect to the drawing plane

Note: The method may be used mostly for determination of the possible conformations of the molecule. It may not be enough accurate for estimation of the internuclear distances

The other less probable (less stable, likely) conformations are obtained by combinations of different oriented carbon atoms