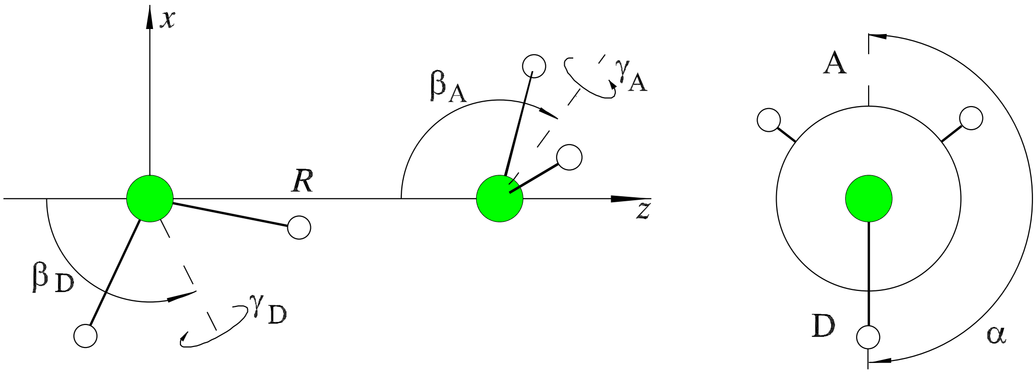

Euler angles describing the orientations of the two monomers in the water dimer. The monomer D is the hydrogen donor and A is the acceptor. The figure on the right is a Newman projection in which we look along $\boldsymbol{R}$ from D to A. The figure shows the equilibrium angles.