



Figure 1: Representation of spherical (red) and cartesian (black) co-ordinate systems. Latter gives an example of unstructured grids. Both unstructured. Conversion from former to latter involves a deformation factor which is acceptable within a given spatial limit. For my case, only unstructured flat meshes are employed (*Lisboa* Geodetic datum: black grid on the right). Confront above represented points ( $P_1, P_2, P_3$ ) with Fig.(??). Mathematically frames change accordingly: see Eq.(??).