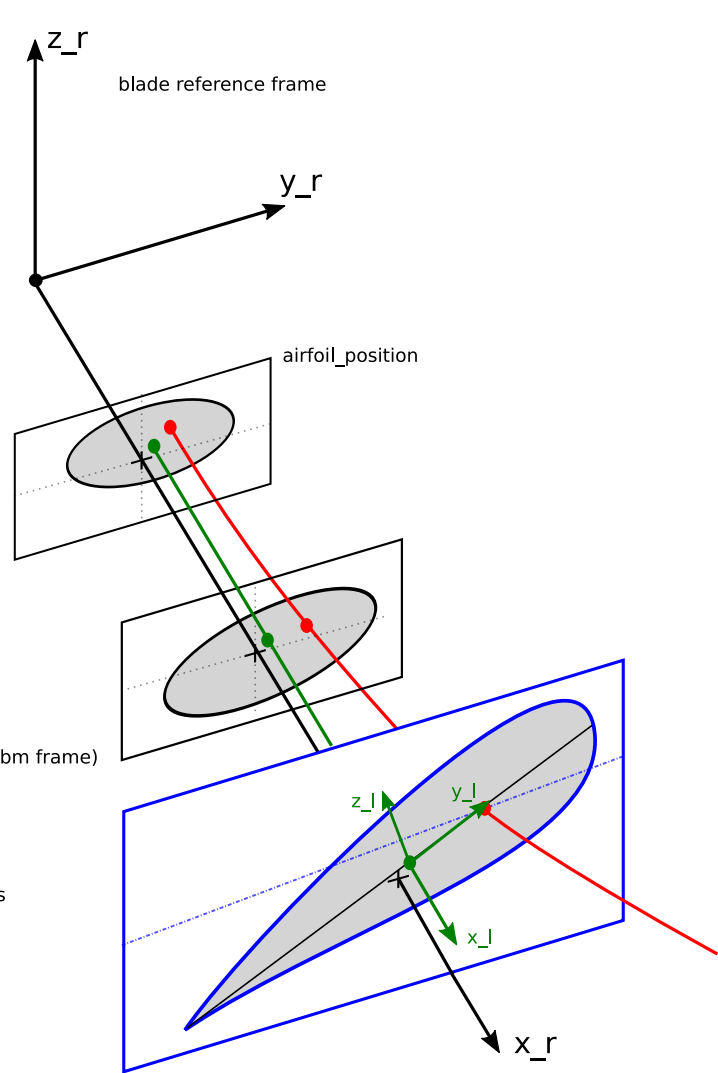


a) arbitrary beam reference axis



b) beam reference axis parallel to x_r