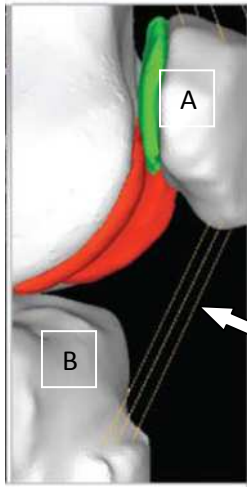


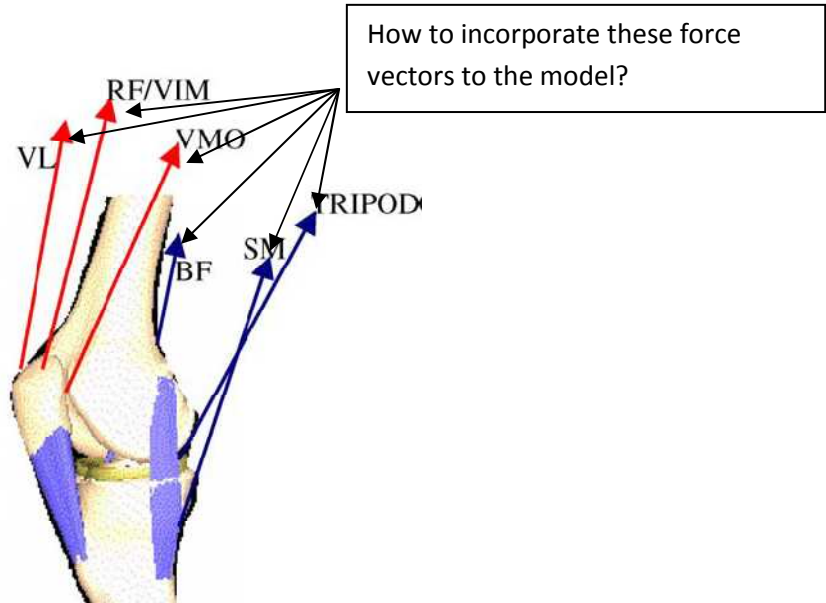
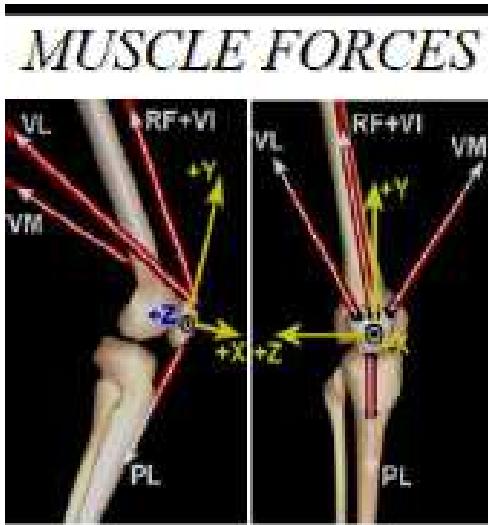
Queries on ABAQUS

Query 1:

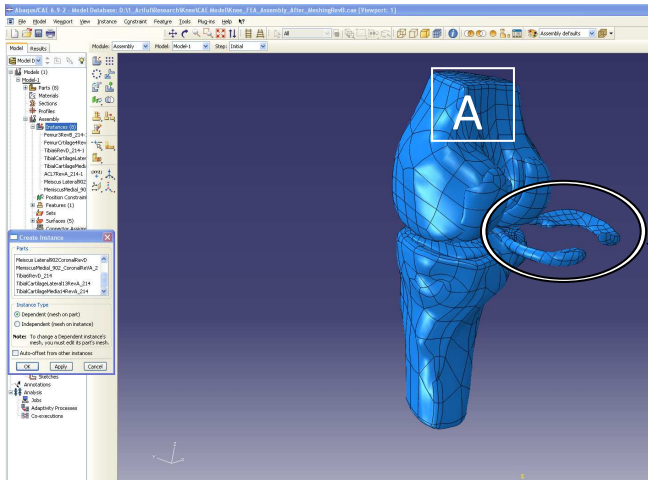


These ligament bundle is represented by 2 node uniaxial elements. My query is how to create this bundle to join A and B parts.

Query 2:

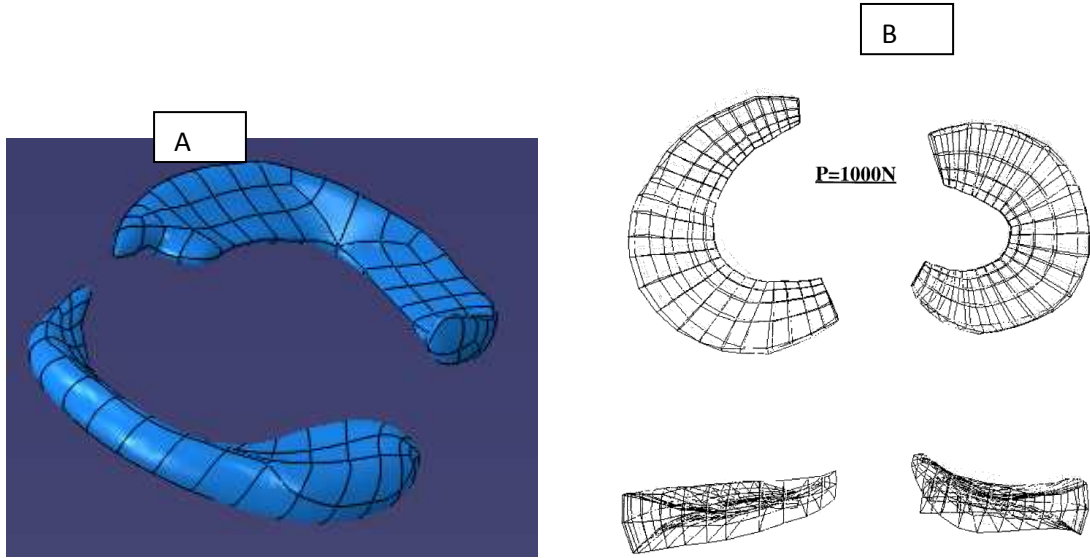


Query 3:



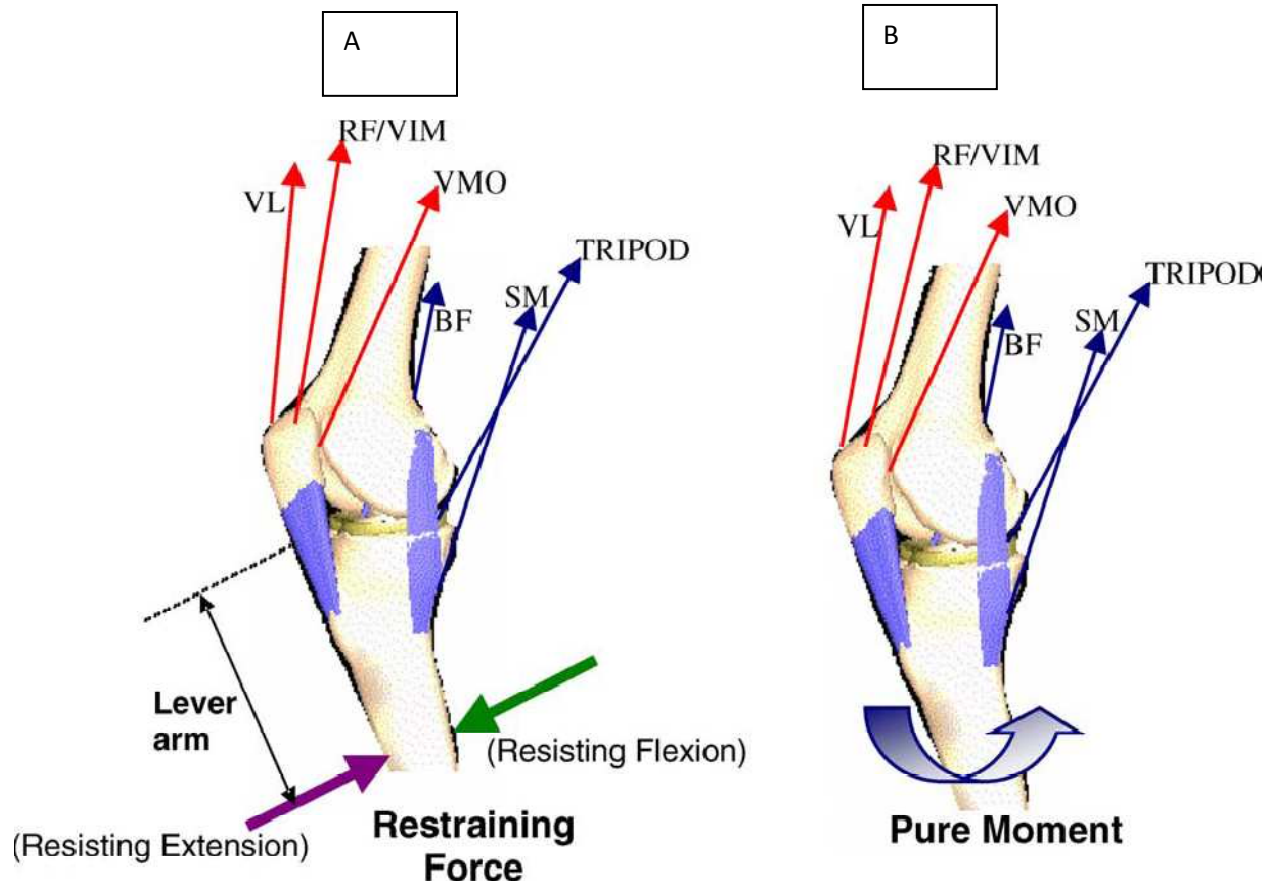
When these two parts are brought into here, it looks that they are far away from where it supposed to be. It's very hard to bring it underneath the part A. And we also have to make sure that both of its upper and lower surface conforms with its counter part

Query 4:



Our created model "A" needs to be treated Like "B". For "B", a non-homogenous composite model of an isotropic matrix of ground substance reinforced by a network of radial and circumferential collagen fibres have been considered. Overall, the matrix has been represented by 424 8 node solid elements while a total 1212 spring elements with non-linear properties reinforcing these solid elements have been used to model the collagen network in radial and circumferential directions.

Query 5:



For Figure A, the lever arm needs to be maintained by 20 to 30 cm. How can we measure this distance and put the load like that.?

For Figure B, how to put in the pure moment on the tibial shaft?