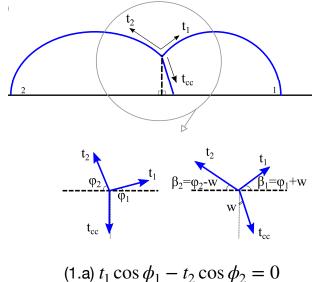
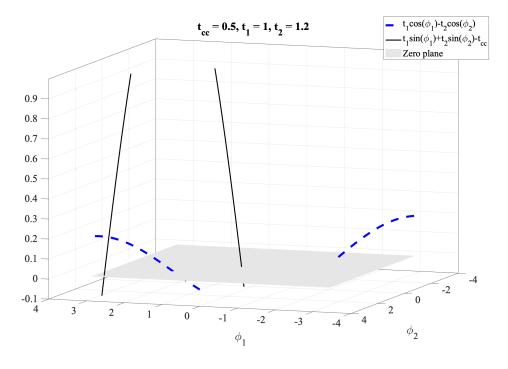
Updated: July 2 2021

Note bene (7/2):



(1.a) 
$$t_1 \cos \phi_1 - t_2 \cos \phi_2 = 0$$
  
(1.b)  $t_1 \sin \phi_1 + t_2 \sin \phi_2 - t_{cc} = 0$ 

There is an inconsistency here and this system is not solvable for any given choice of  $t_1$  and  $t_2$ . For example if  $t_1=1,t_2=1.2$  then the two equations do intersect but not also with the zero plane.



 $\underline{\text{I think}}$  what is missing is the ability for the apical point at the cell-cell interface to move:

(1.a) 
$$t_1 \cos \phi_1 - t_2 \cos \phi_2 - \zeta_4 v_4 = 0$$
  
(1.b)  $t_1 \sin \phi_1 + t_2 \sin \phi_2 - t_{cc} = 0$