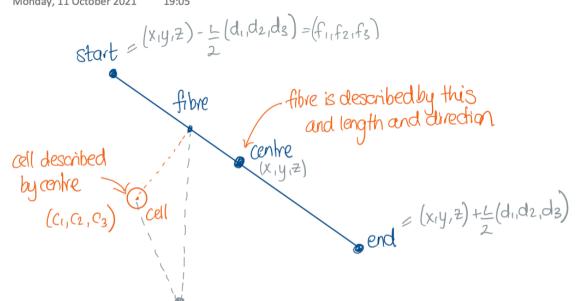
Cell-fibre distance determination

Monday, 11 October 2021

19:05



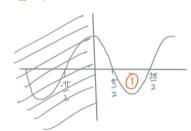
Of forms an obtuse angle with up

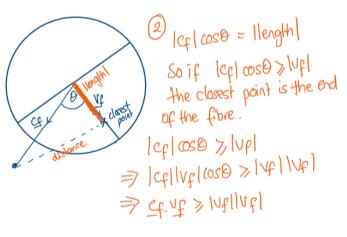
Cf. Vf = |Cp||Vp||cos0

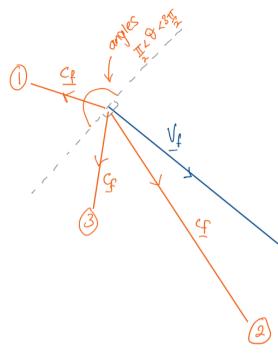
Since I & 0 < 3I of. Up & 0

Otherwise since 0 < cos0 < 1

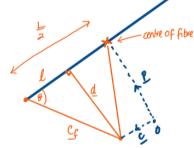
O < G. Vp < |Cp||Vp|







In the case of (3) the distance between cf and v_f is found as follows: $||ength||^2 = (|c_f| \cos \theta)^2 = ||(c_f \cdot v_f)|^2$ then distance = $||c_f||^2 - ||ength||^2$



|CF| cos & = &