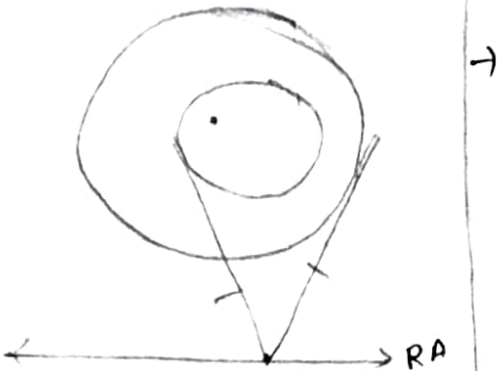
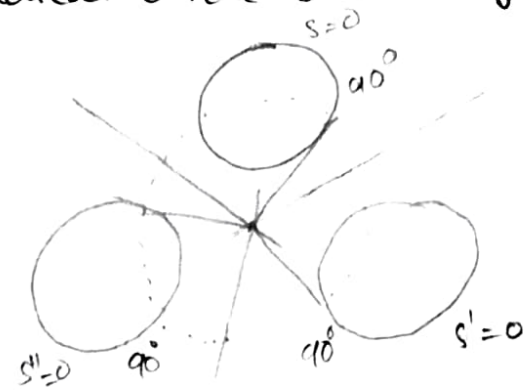
If one circle lies inside the other except the concentric radical axis lies outside the circle

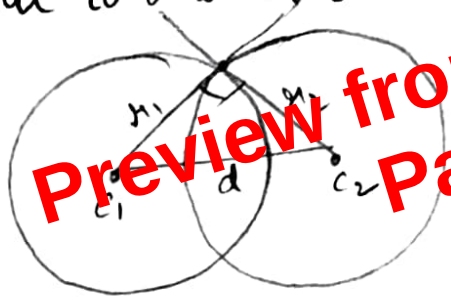


→ Radical circle cuts all 3 given circles orthogonally



Angle b/w the dotted circle will be orthogonal to three circles

→ If two circle are orthogonall then tangent for one circle is normal to another circle



→ If two fixed circles cuts thrid circle orthoganally then radical axis those two circles passes through the centre of third circle

(or)

locus of circle of the circle which cuts the given two circles orthoganally is radical axis of given two circle.