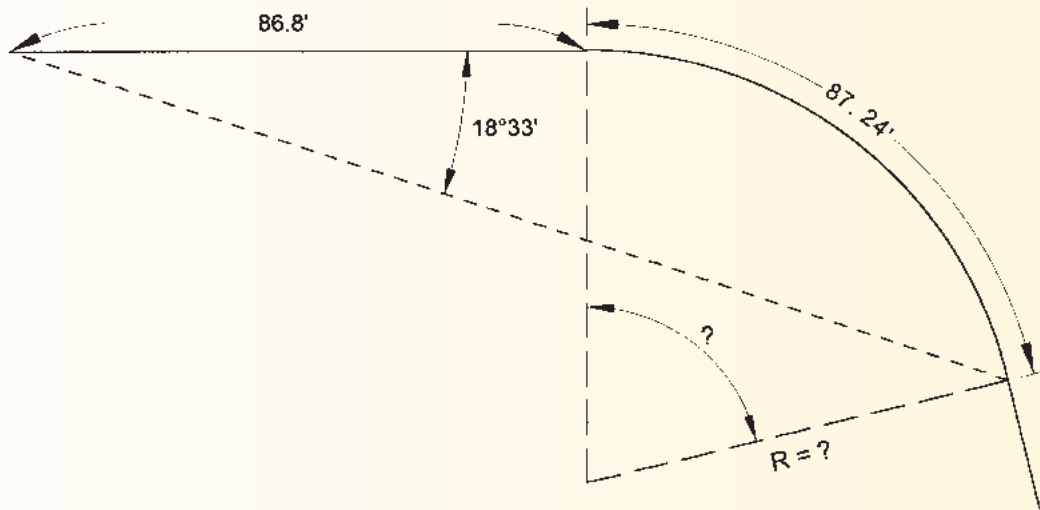


PROBLEM CORNER

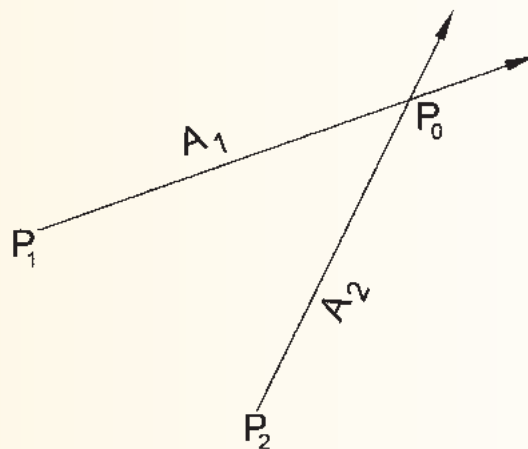
Problem 95

Hayley sets up her instrument on a tangent 86.8' from the beginning of a curb return and measures $18^{\circ}33'$ to the end of the return as shown, while Jeff and Kelly measure the length of the arc as 87.24'. What is the radius and the central angle of the curve?



Problem 96

Most surveyors are familiar with bearing-bearing intersections. Given Point P_1 and Point P_2 and azimuths A_1 and A_2 , derive an equation for an azimuth-azimuth intersection.



Solutions can be found on our website at www.profsurv.com

The problems for this column are contributed by retired California surveyor Dave Lindell, LS.