

Reference for the general Apollonius Problem

The general problem is to find a circle which is tangent to each of three geometrical figures, each of which may be a point, line or circle. Of all these cases, the most difficult involves three circles (the so – called tenth case), but the others are also worth considering in their own right. Here are two references which discuss all ten cases:

https://www.walter-fendt.de/html5/men/apolloniosproblem_en.htm

<http://piziadas.com/en/2013/09/apolonio-y-sus-diez-problemas.html>