Exercise 2.2.

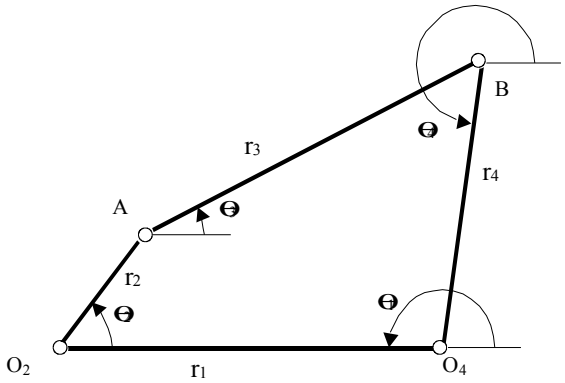
Design a four bars mechanism using the Method of Boch and applying the SAM-PC program. The four bar mechanism must relate the angles of both cranks r_2 and r_4, (see figure), with the following values:

$\theta_{21} = 30º$, $\theta_{41} = 180º$

$\theta_{22} = 50º$, $\theta_{42} = 210º$

$\theta_{23} = 80º$, $\theta_{43} = 240º$

Take $r_1 = 1$ m.



Four bar mechanisms by vector representation