

Problem 3.10 Solutions:

a:

$\delta = 59.9985^\circ$

verification: $\delta = 60^\circ$

b:

$f_{\text{inf}} = 120.001^\circ$

verification: $f_{\text{inf}} = 120^\circ$

c:

$v_{\text{inf}} = 1.73204 \text{ mu/h}$

verification: $v_{\text{inf}} = 1.73205 \text{ mu/h}$

d:

$\Delta = 0.577367\text{p}$

e:

$e = 1.414$

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