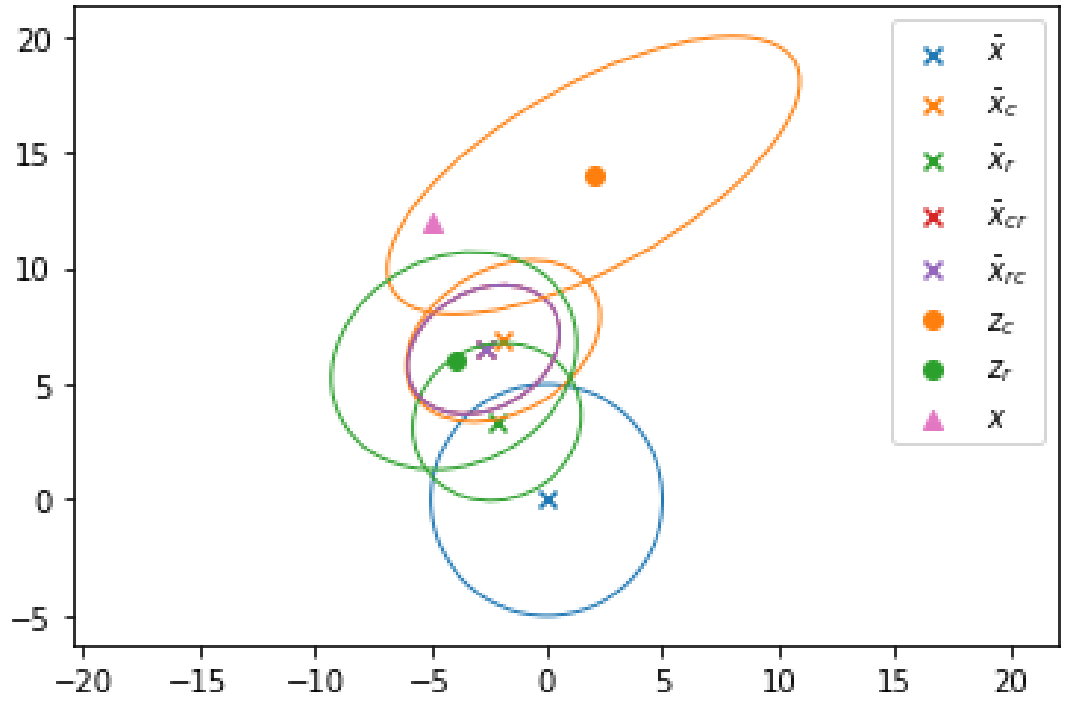
TTK4250 – Assignment 2
Task 2)
g)



x_bar_cr = x_bar_rc = `[-2.71834805  6.48717451]`

P_cr = P_rc =
```
[[10.704314    2.3260641 ]
 [ 2.3260641   7.76760785]]
```

Here we have performed the update of the sensor for both the measurements in x_bar_cr and x_bar_rc. What we observe is that the distributions (which are gaussian and therefore characterized by the means x_bar_rc and x_bar_cr and the covariances P_rc and P_cr) are identical. This means that the order in which we condition does not matter.