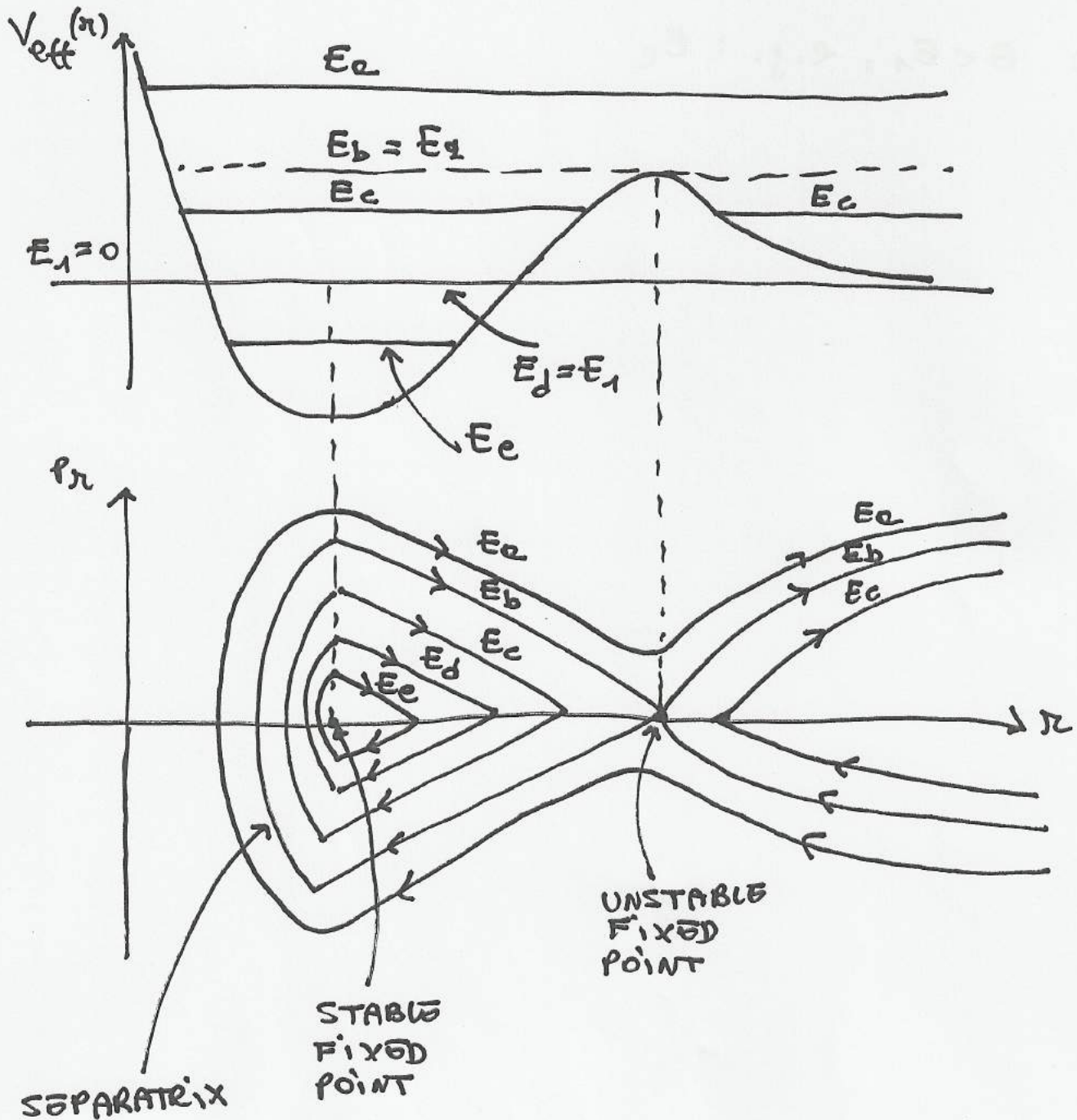


COMPUTATIONAL QUANTUM DYNAMICS:

Solution To exercise 6.1:

We identify Two energy levels (E_1, E_2) which are important to draw the phase portrait. they lead to five types of motion:



The five types of motion generated are the following:

a) $E > E_2$, e.g.: E_c

b) $E = E_2$: E_b

c) $E_1 < E < E_2$, e.g.: E_c

d) $E = E_1$: E_d

e) $E < E_1$, e.g.: E_e