Restoring force:

Distracting force:

Equating the forces gives an estimate for :

We learn that there’s a special value for which:

For some other we have:

If we have:

And if :

Going back to the energy picture to find barrier heights, starting with restoring energy:

The distracting energy is

Combining the restoring and distracting “springs”:

With some “diffusion” parameter of dimension .

There should be a maximal point between these two minima, let’s find it:

Try again with linear distractors (set new definition for ):

Force ratios far and close

Restoring force:

Distracting force:

Equating the forces gives an estimate for :

We learn that there’s a special value for which:

For some other we have: