

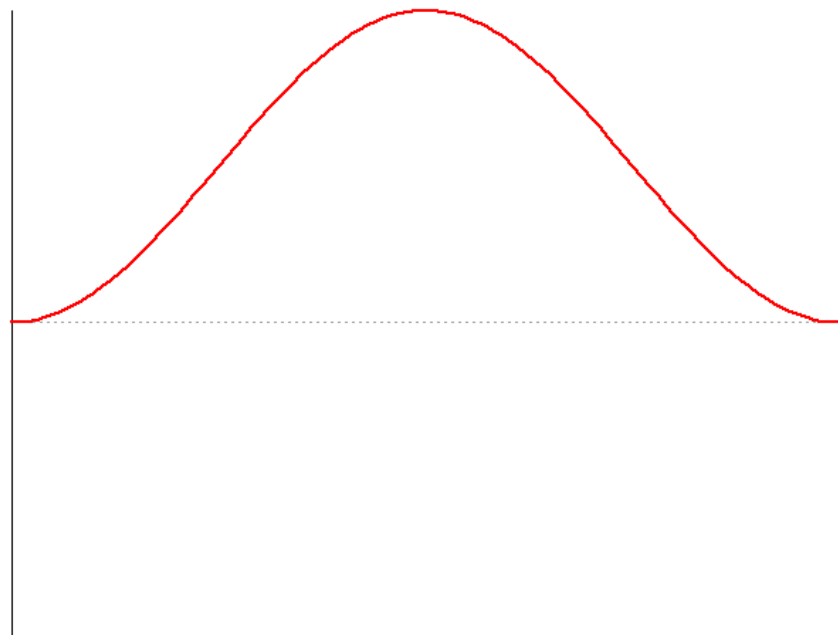
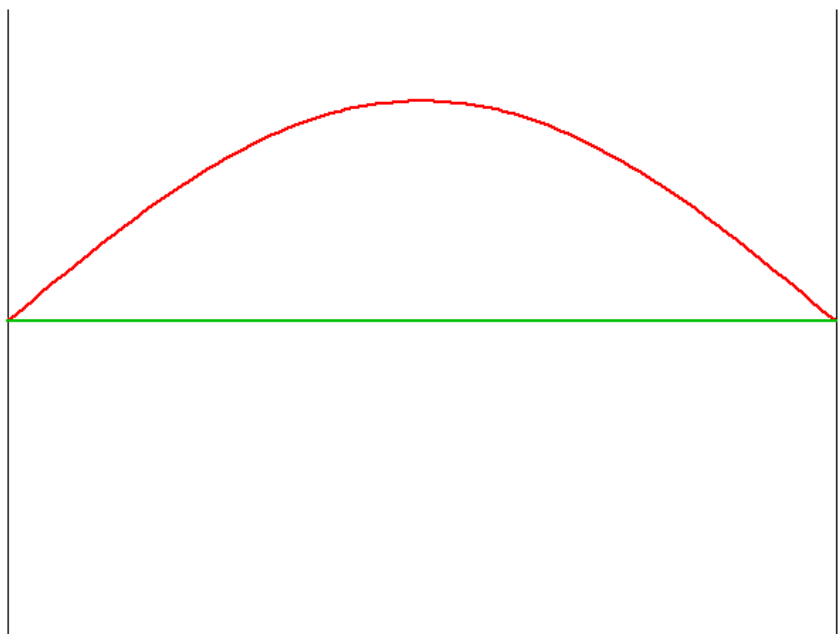


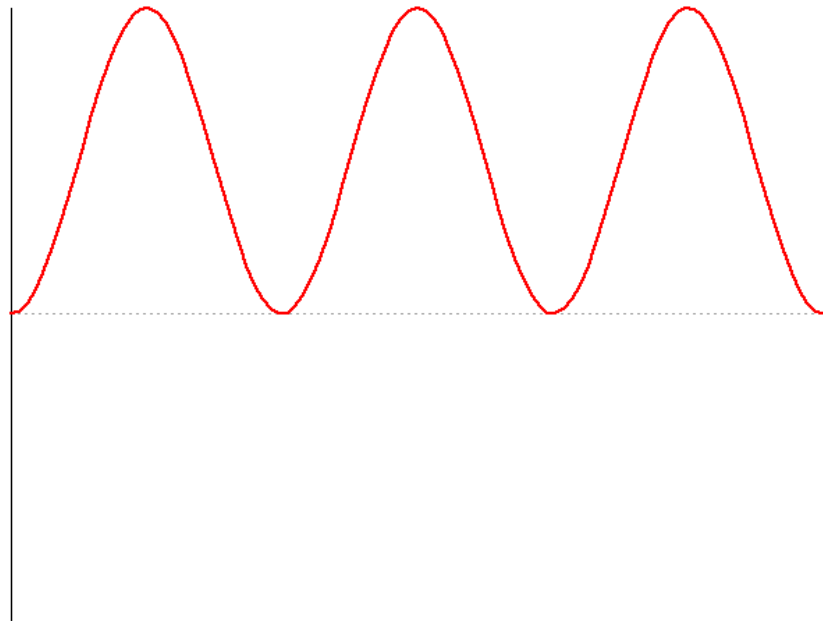
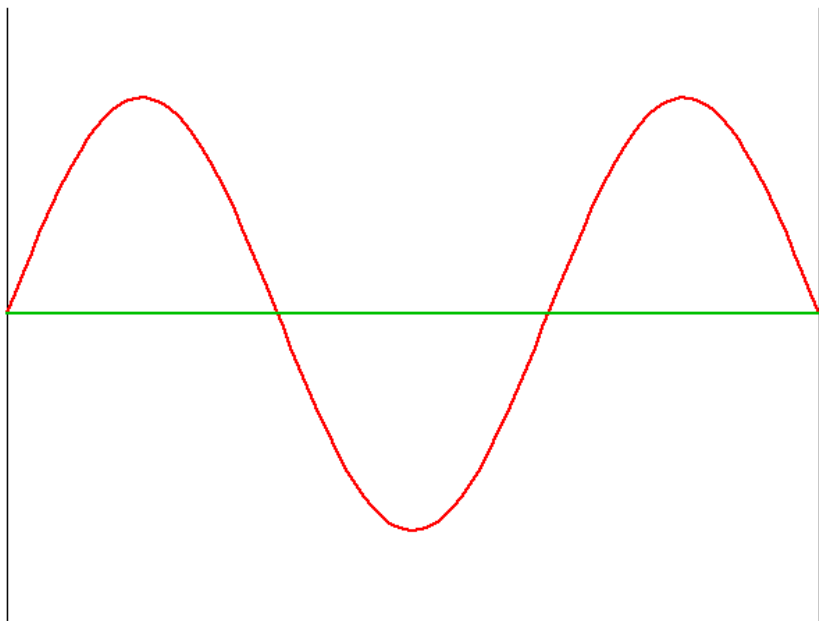
Analitično rešljivi sistemi

Tomaž Urbič

FKKT, Univerza v Ljubljani

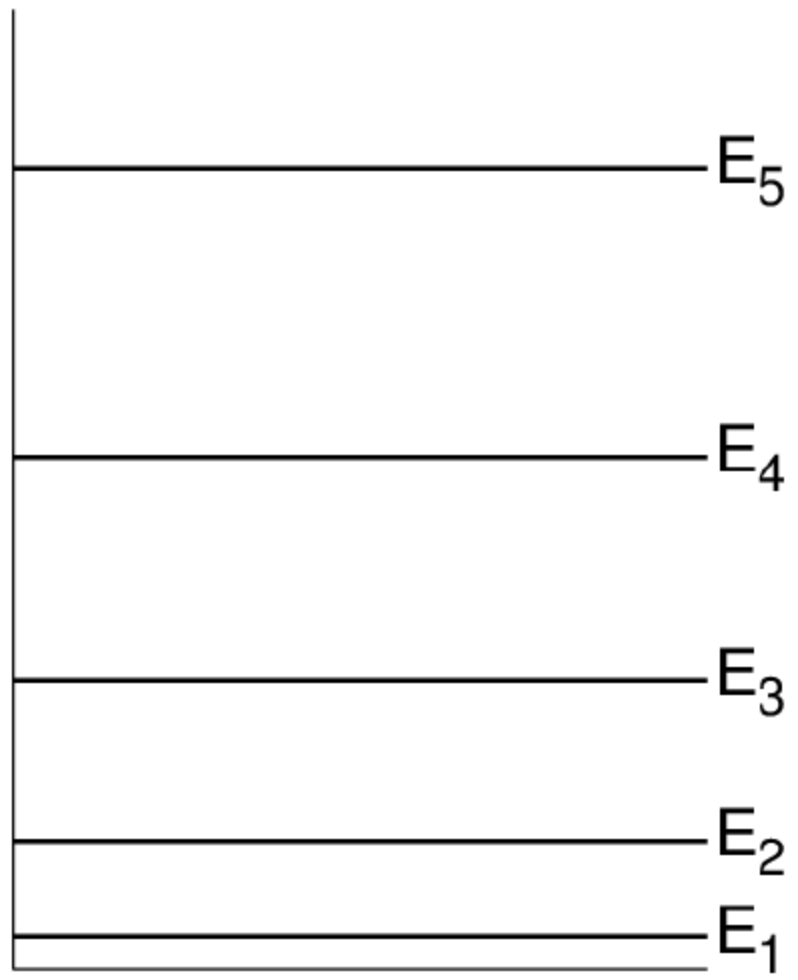
www.fkkt.uni-lj.si

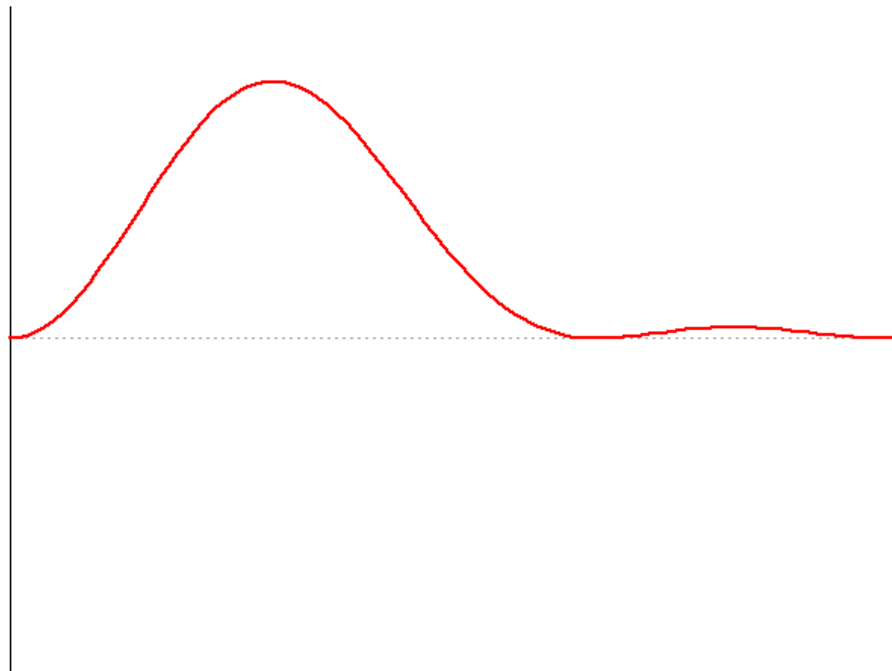


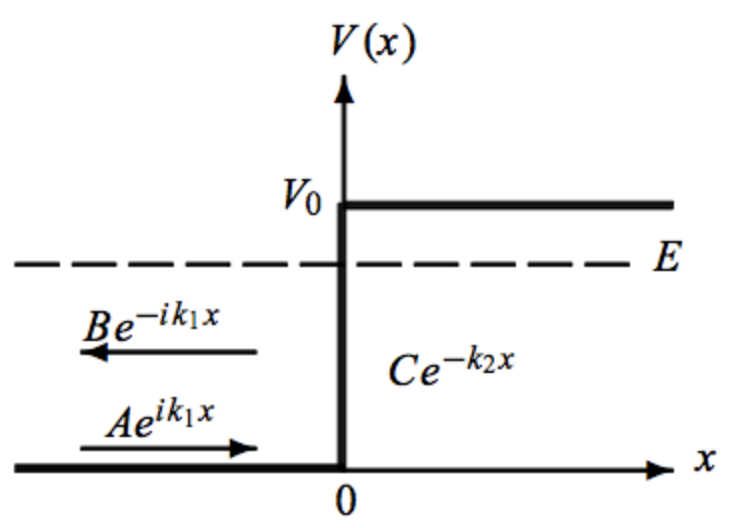
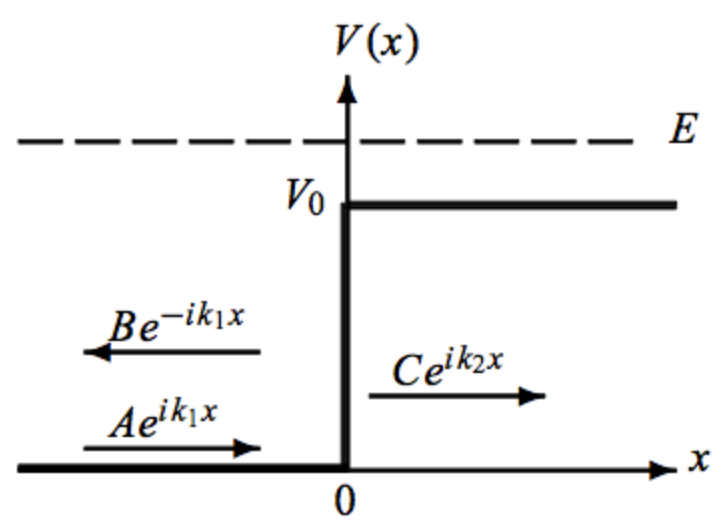


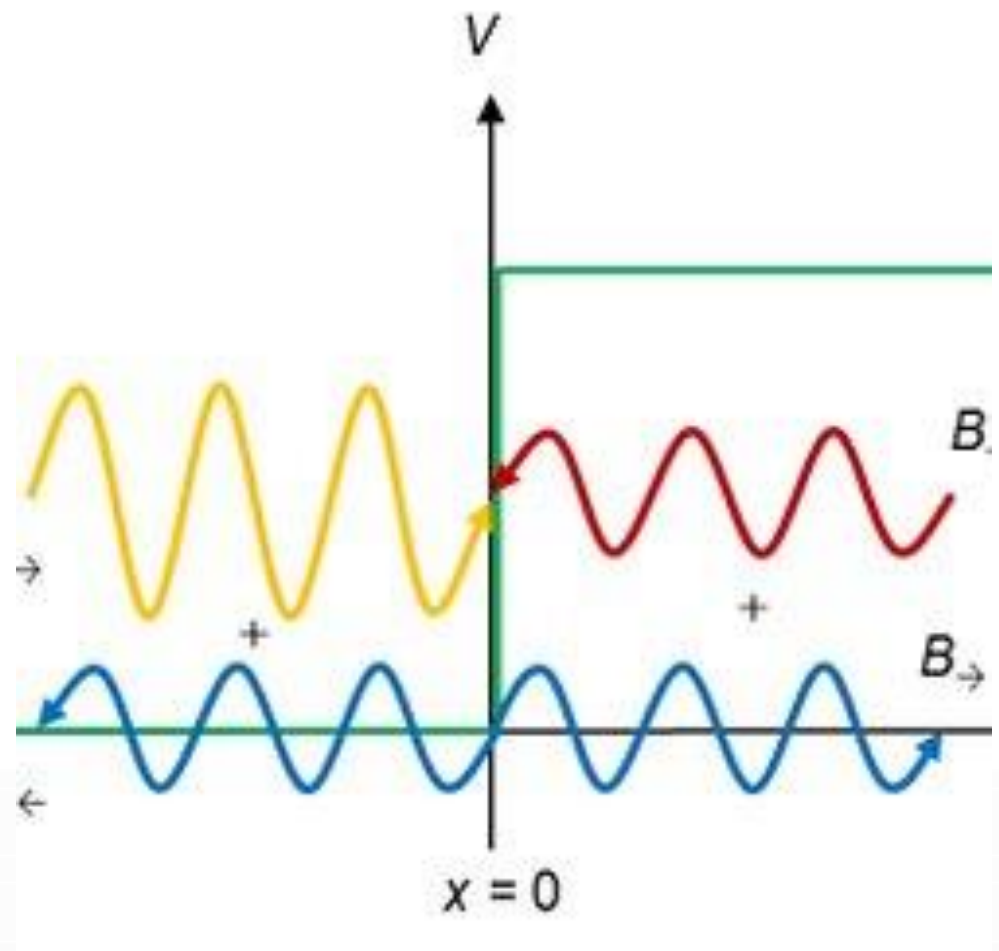


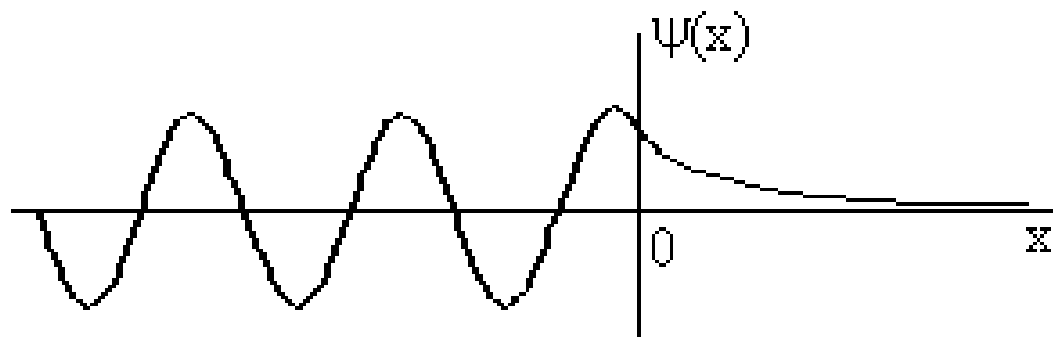
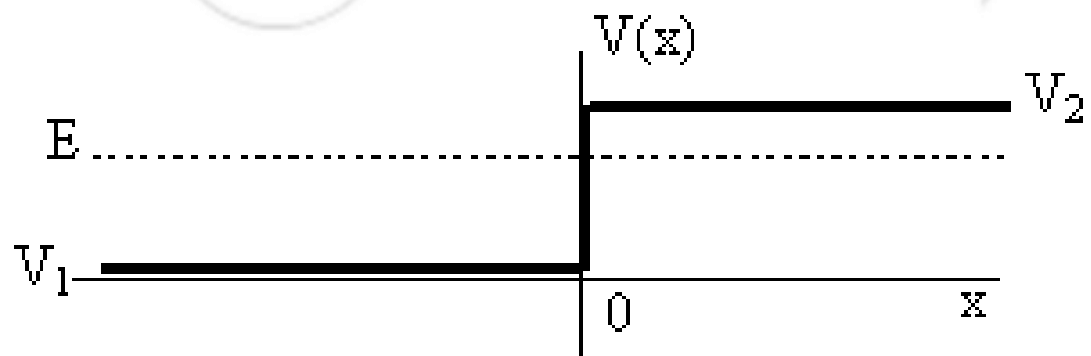
E_n

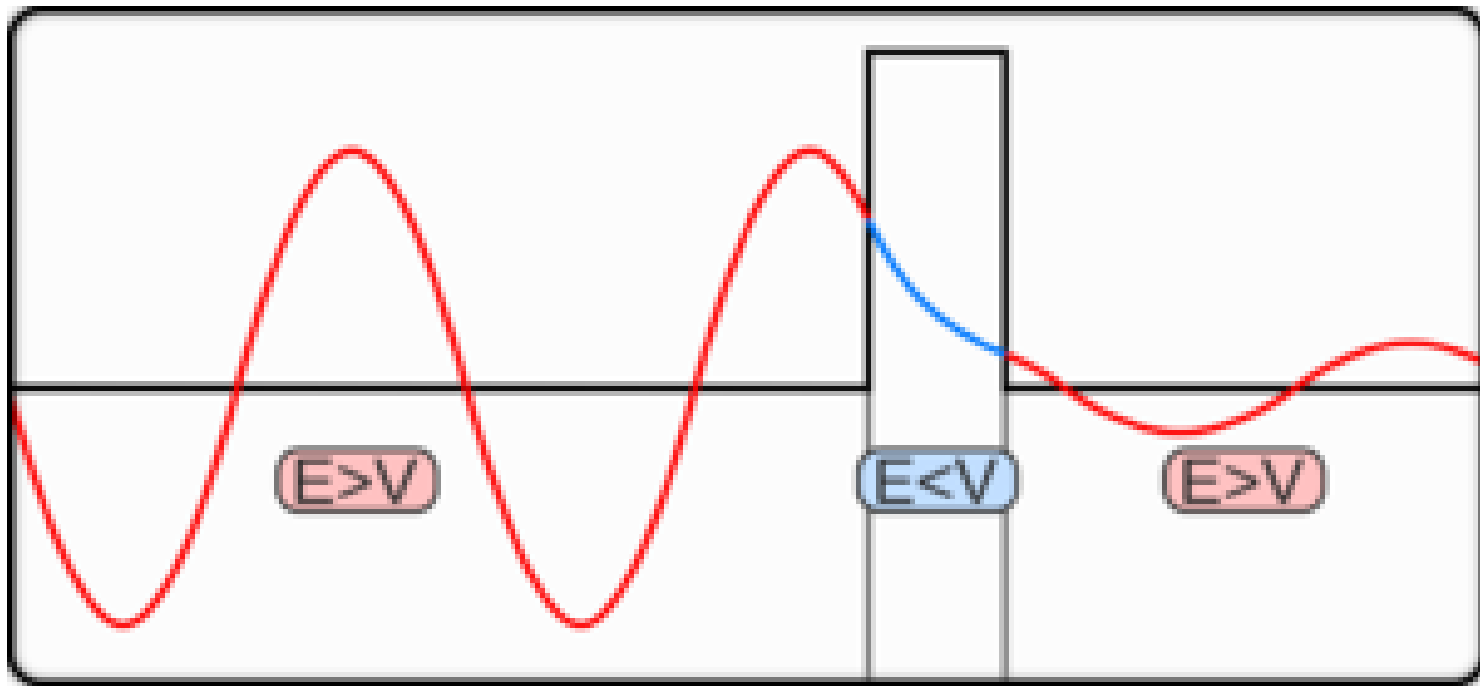






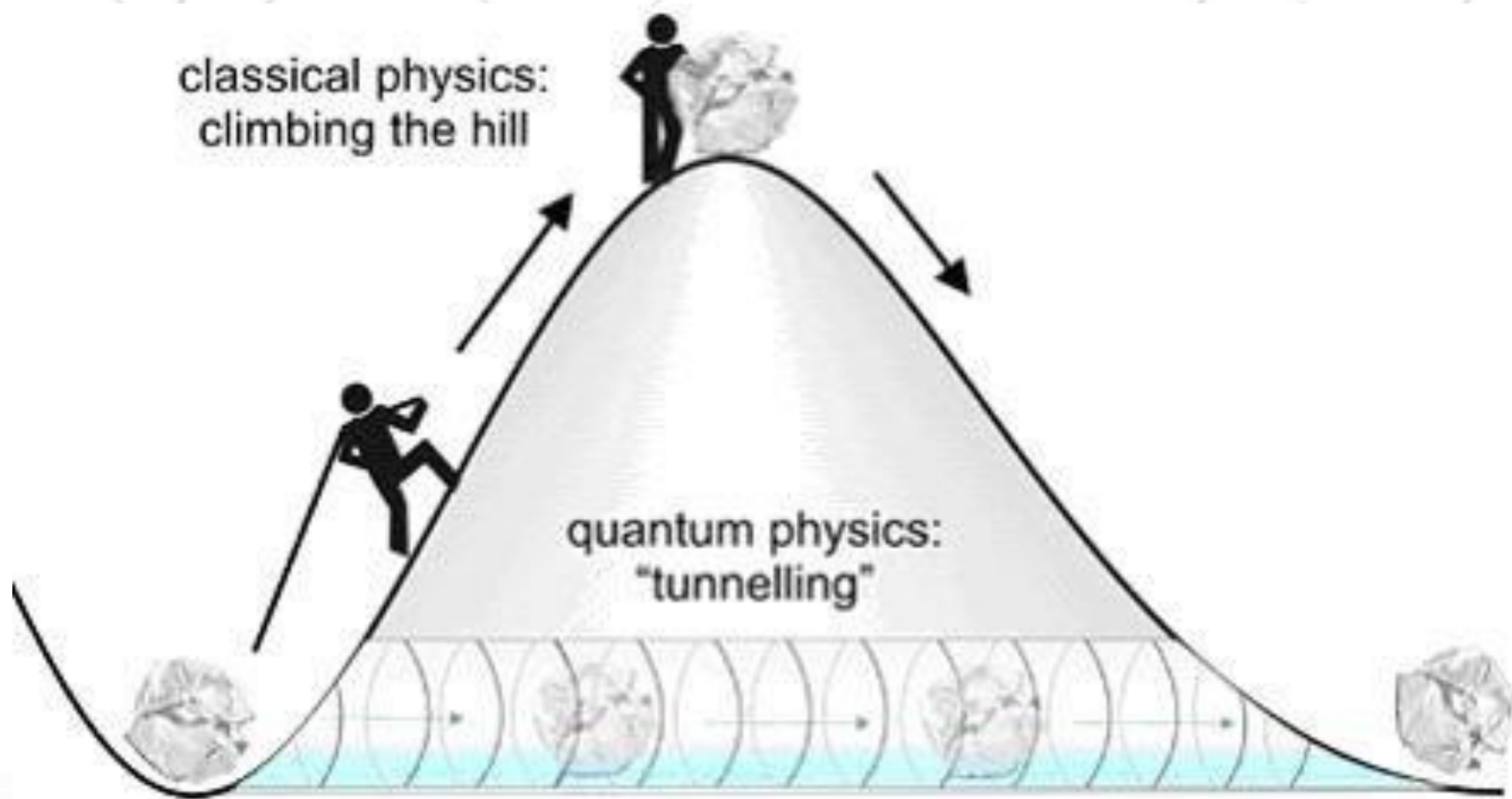


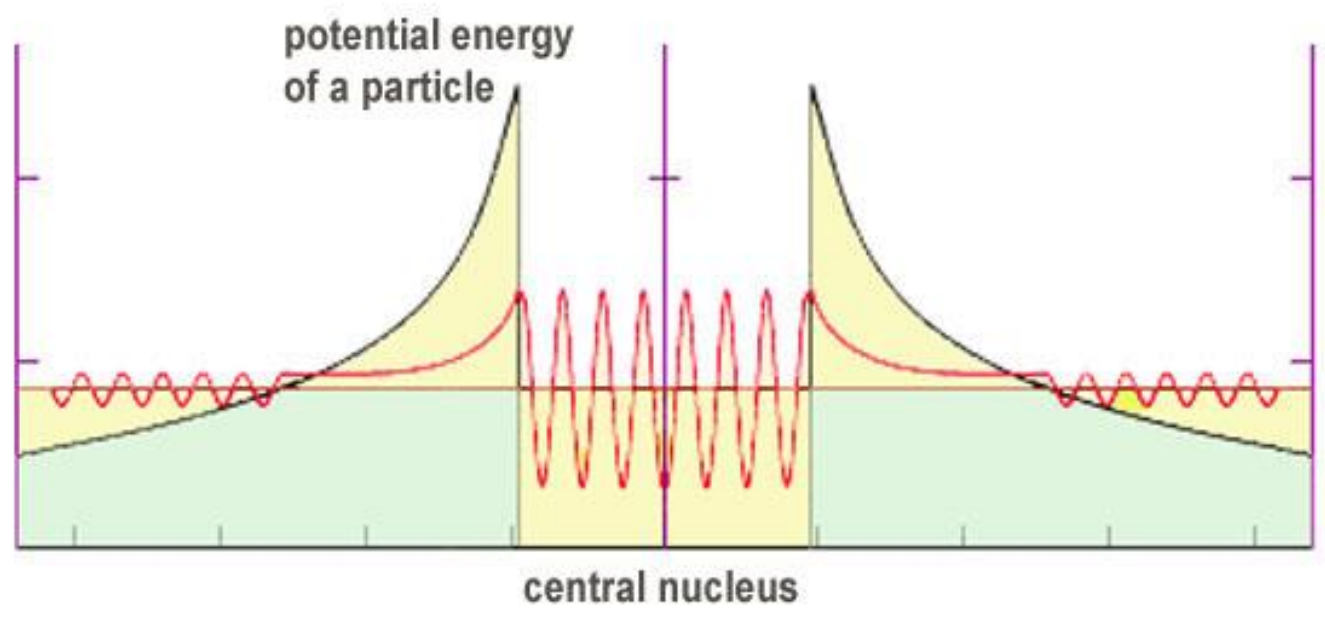




classical physics:
climbing the hill

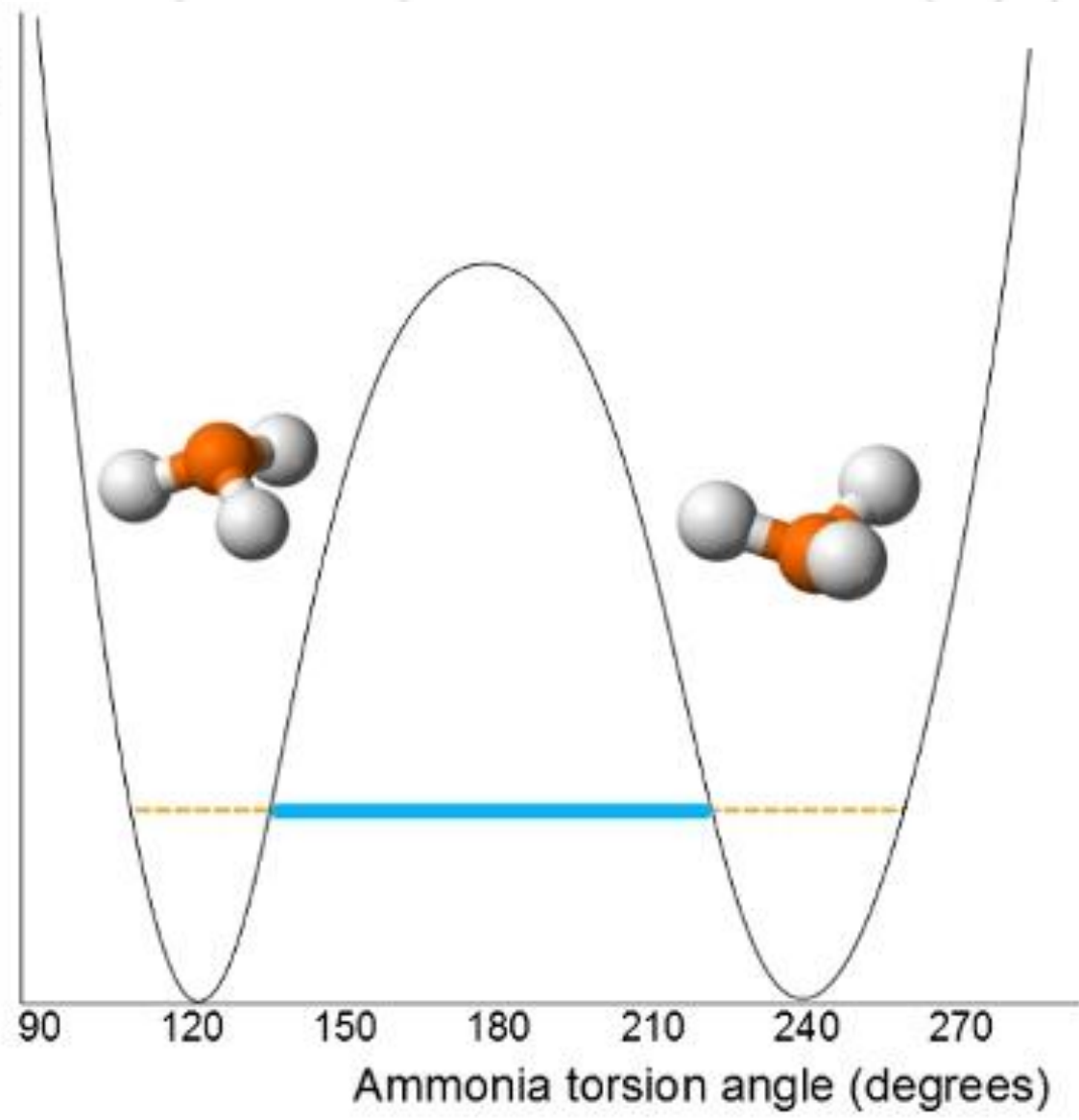
quantum physics:
"tunnelling"







Energy

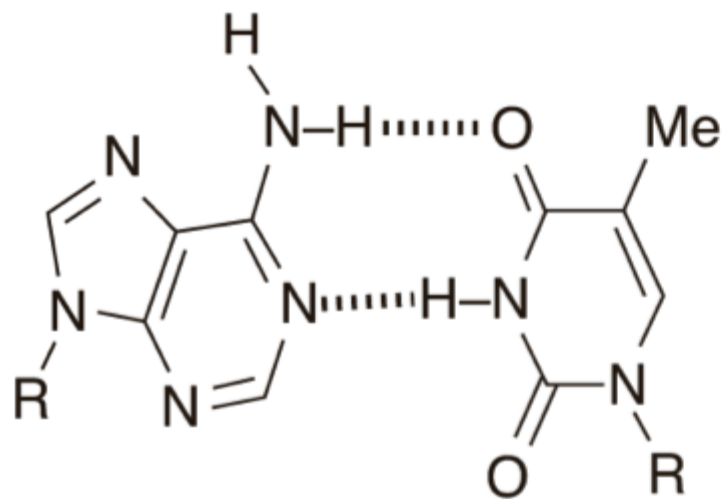




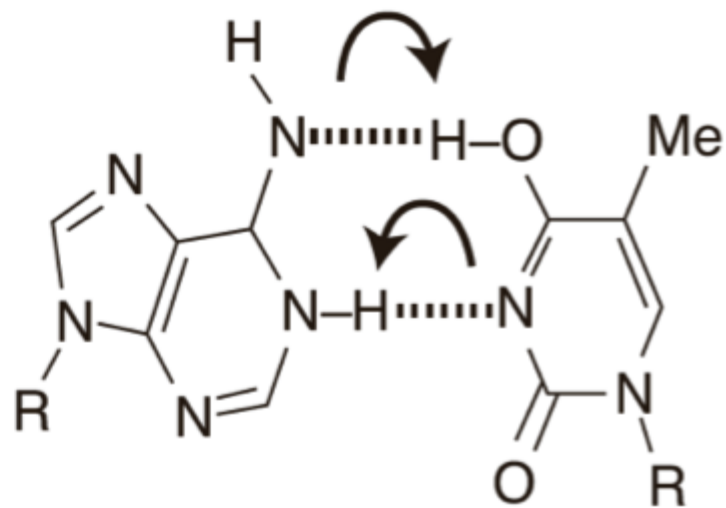
Normal (canonical) form



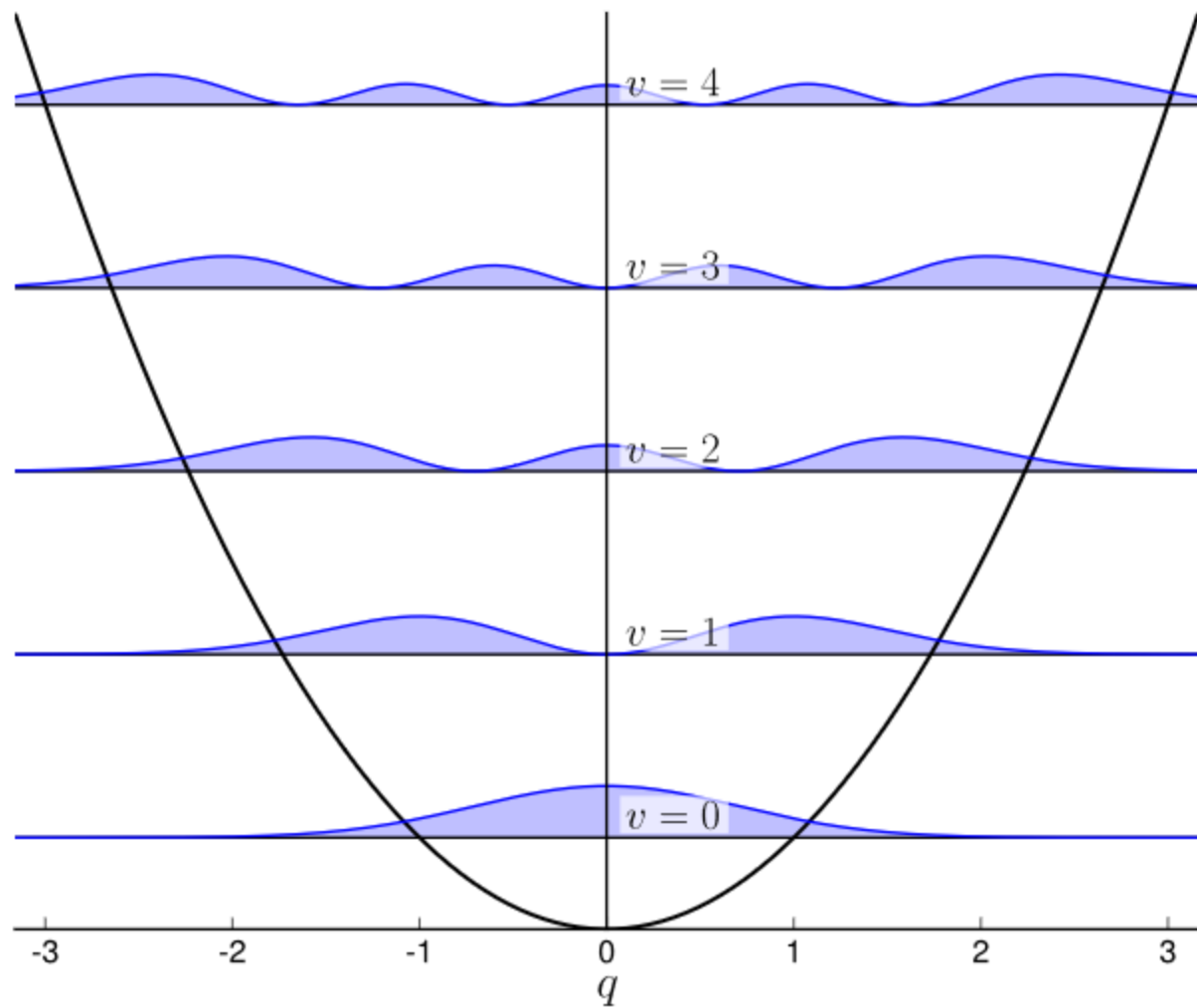
Rare (tautomeric) form

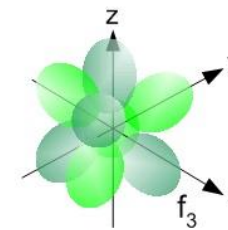
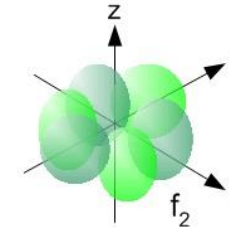
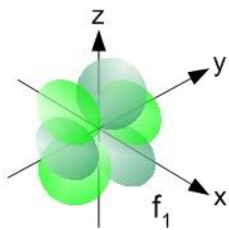
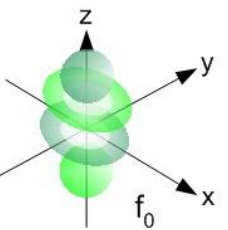
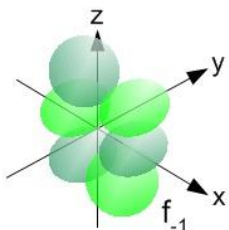
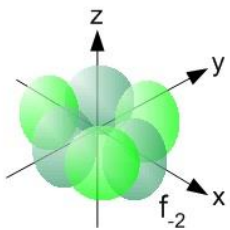
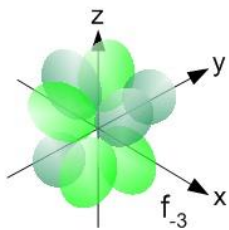
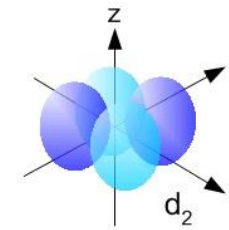
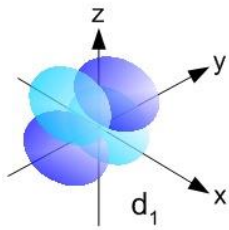
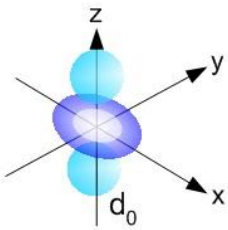
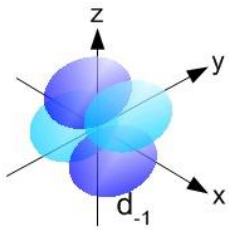
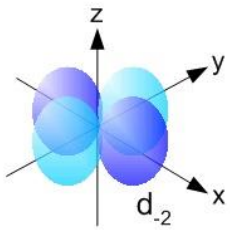
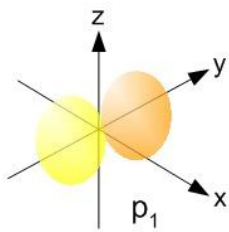
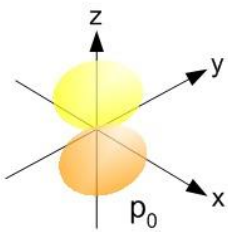
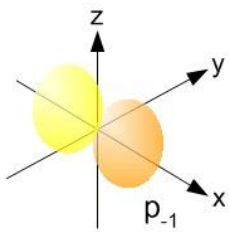
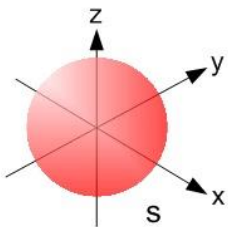


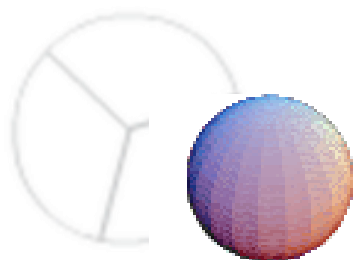
A•T base pair



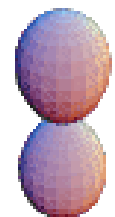
A•T base pair



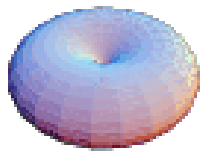




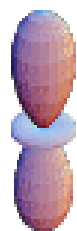
$$|Y_0^0(\theta, \phi)|^2$$



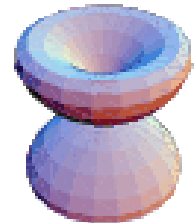
$$|Y_1^0(\theta, \phi)|^2$$



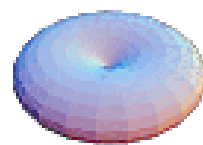
$$|Y_1^1(\theta, \phi)|^2$$



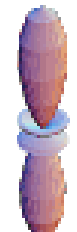
$$|Y_2^0(\theta, \phi)|^2$$



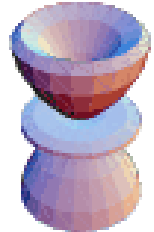
$$|Y_2^1(\theta, \phi)|^2$$



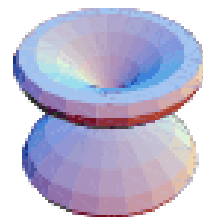
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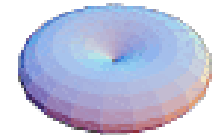
$$|Y_3^0(\theta, \phi)|^2$$



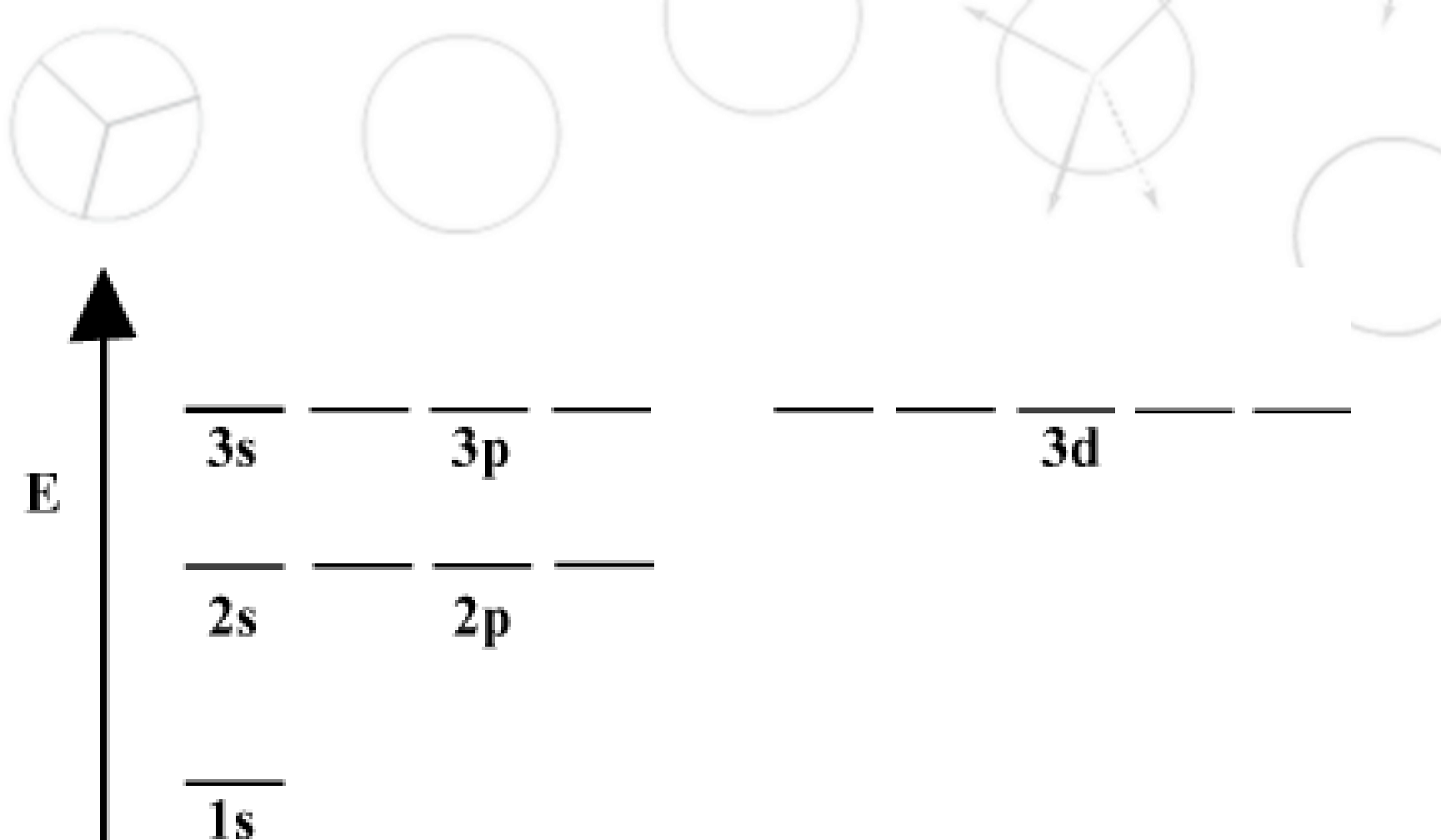
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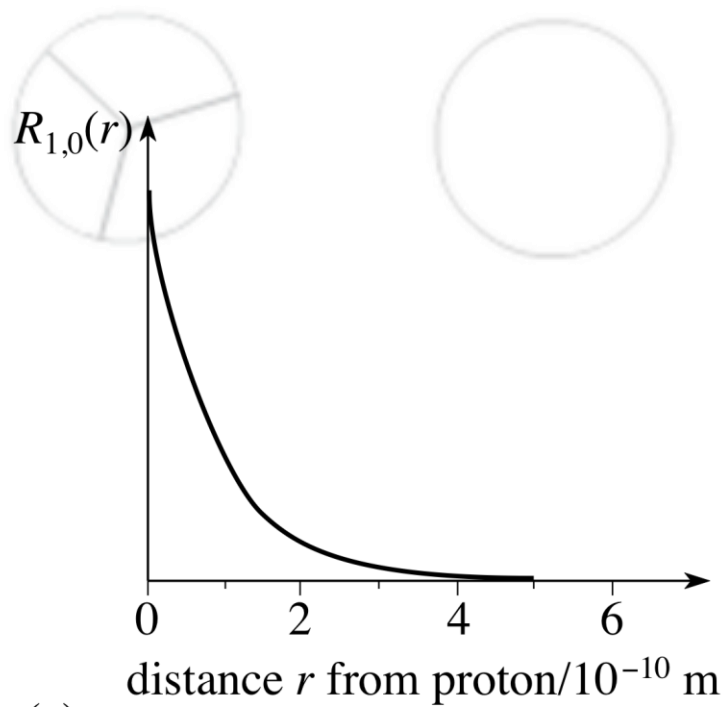


$$|Y_3^2(\theta, \phi)|^2$$

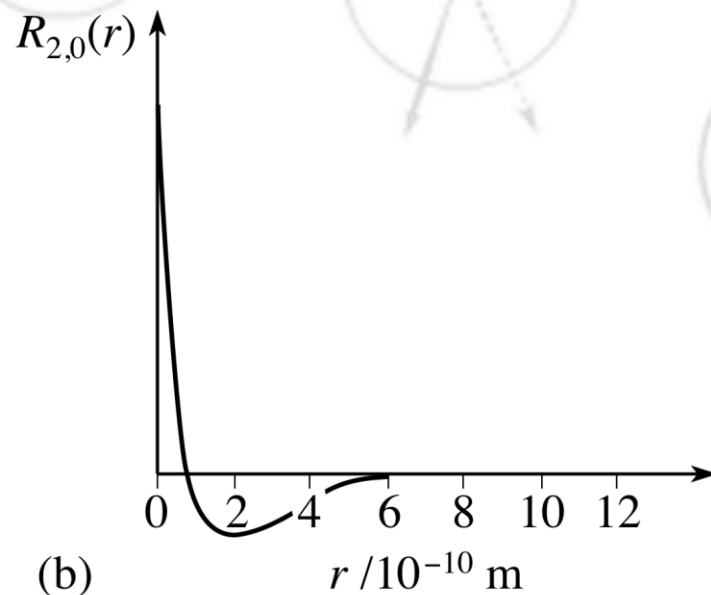


$$|Y_3^3(\theta, \phi)|^2$$

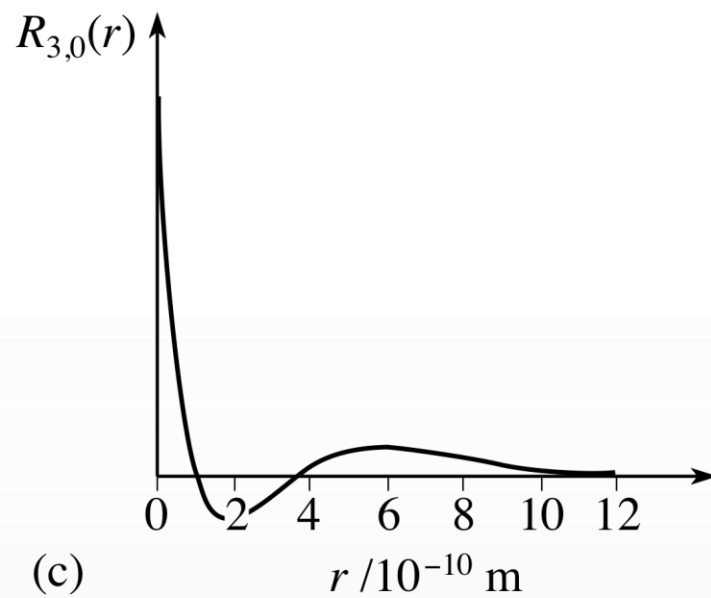




(a)



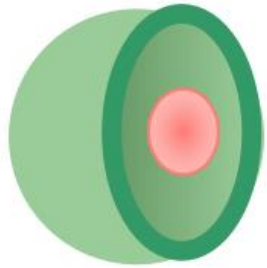
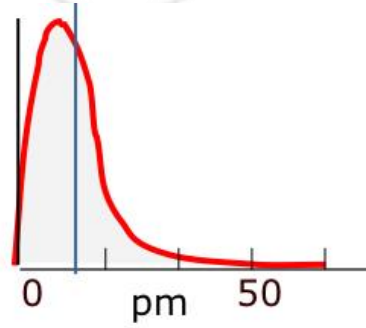
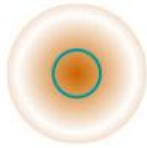
(b)



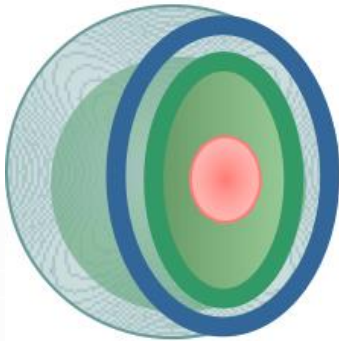
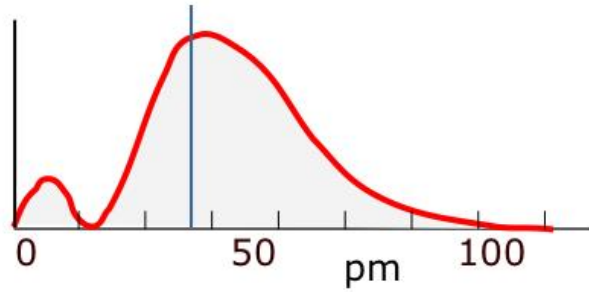
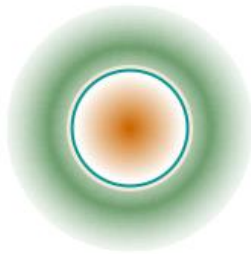
(c)



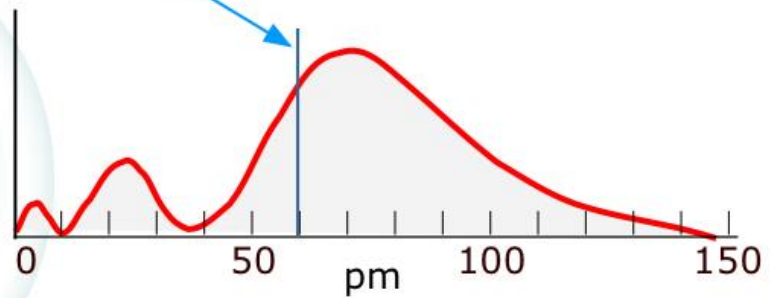
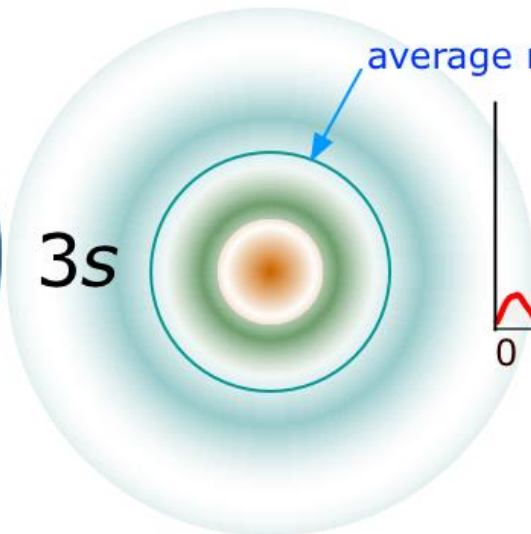
1s



2s

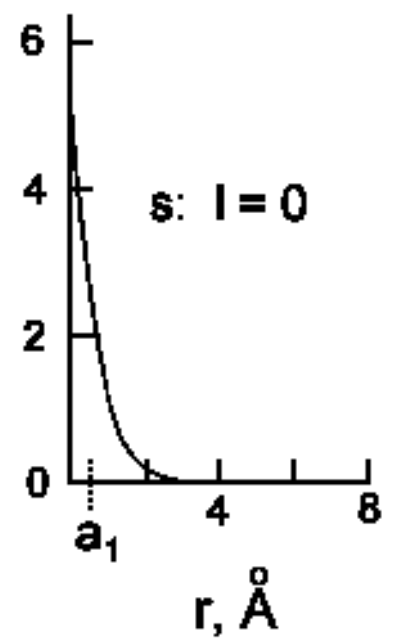


3s

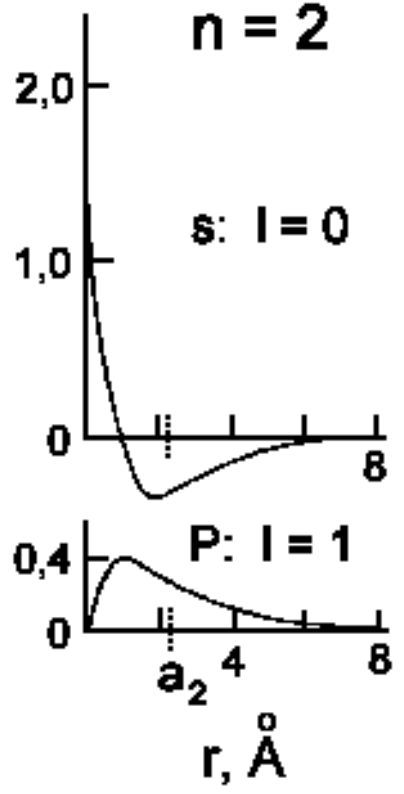




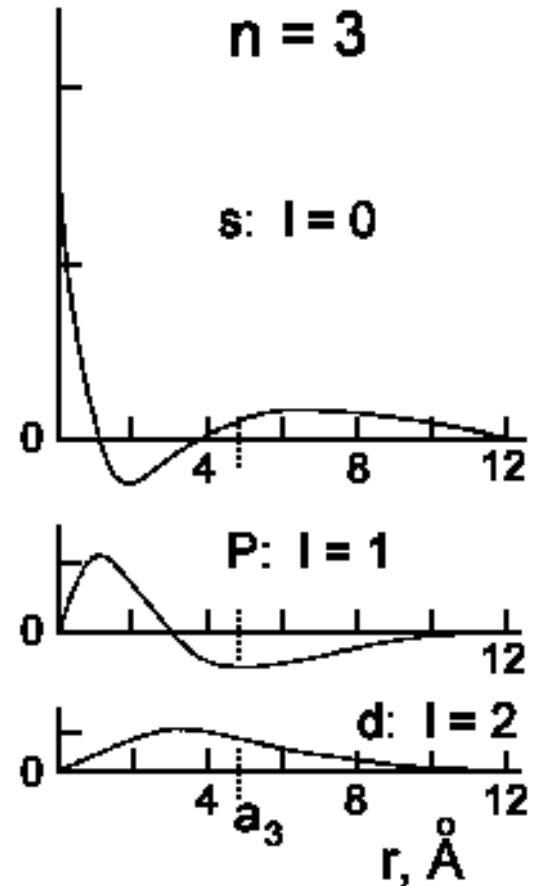
$n = 1$



$n = 2$



$n = 3$



Hvala za pozornost.



tomaz.urbic@fkkt.uni-lj.si