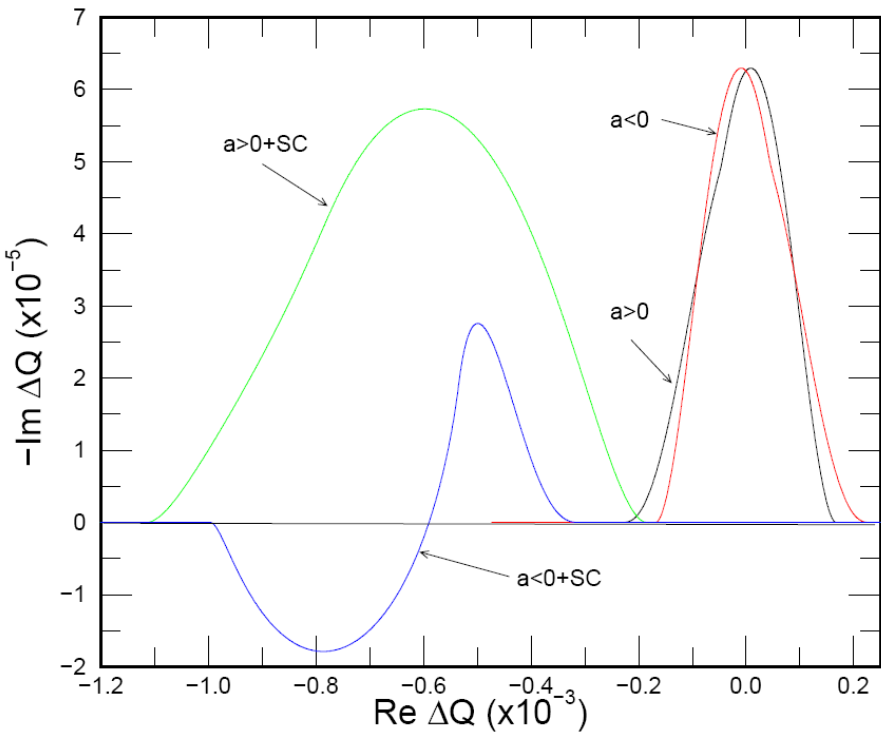


TRANSVERSE LANDAU DAMPING WITH BOTH OCTUPOLES AND SPACE CHARGE

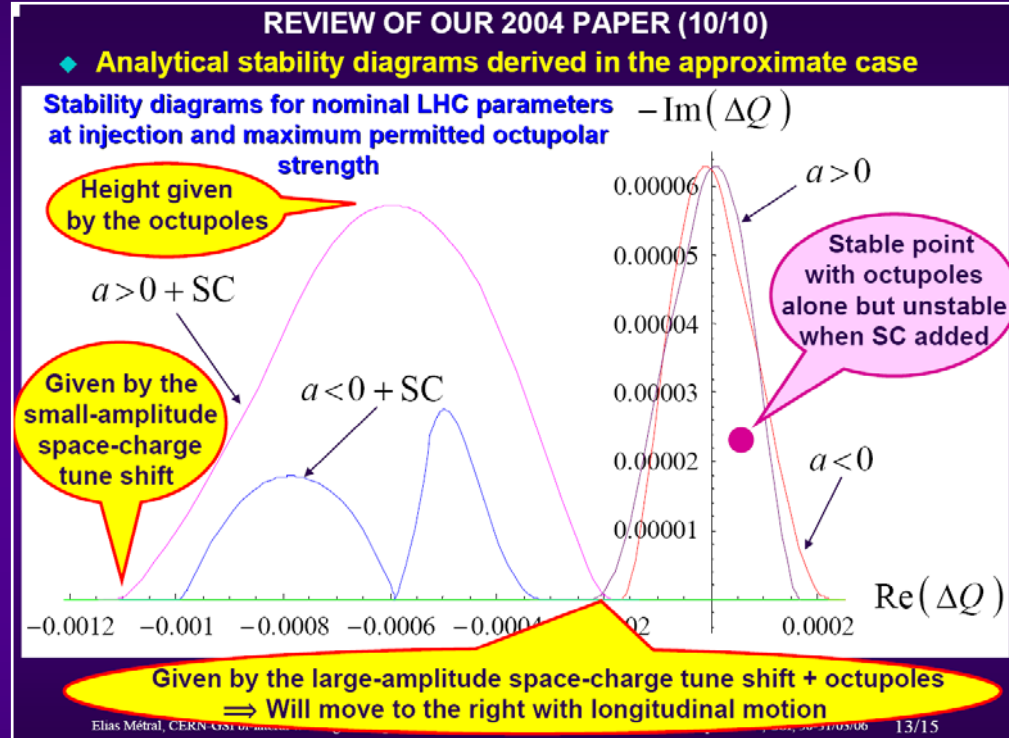
Elias Métral

- ◆ **Comment (sent to me on 12/08/06) from King Ng (BNL) on our paper with Francesco: CERN-AB-Note-2004-025**
⇒ “... In order to have a deeper understanding, I re-derived every equation in the paper and re-did the numerical plotting of the stability curves as well...”

Result from King Ng (12/08/06)



Our previous result



⇒ Everything is the same except for the first bump when $a<0+SC$ (which has the same shape but is negative)

⇒ To be checked...