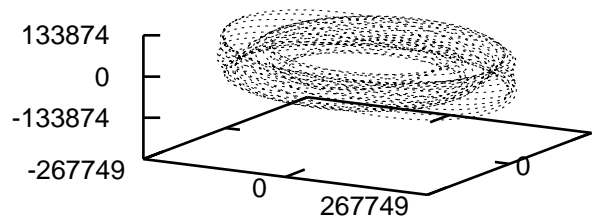
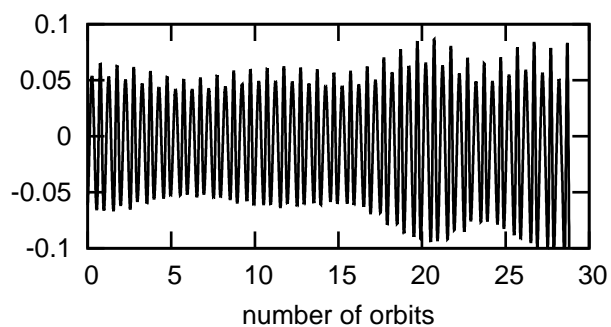


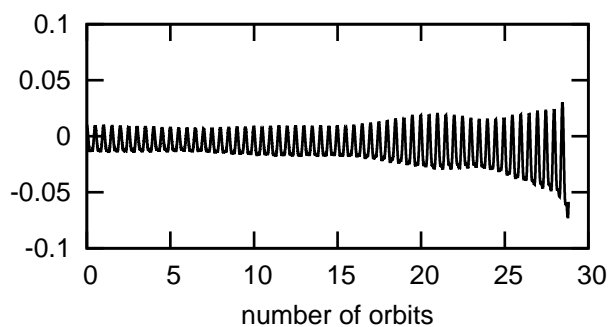
$$s_1=(-0.101,0,0.994) \quad s_2=(0.409,0,0.912)$$



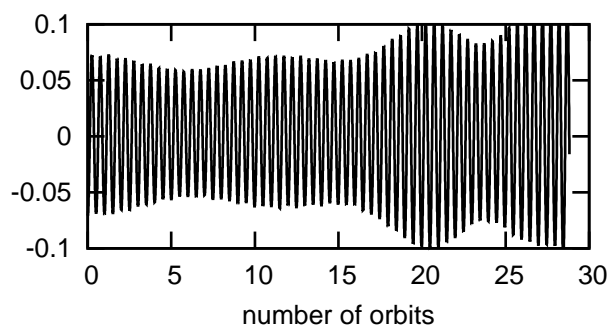
4a  $(D/2\mu)h_+$  total waveform



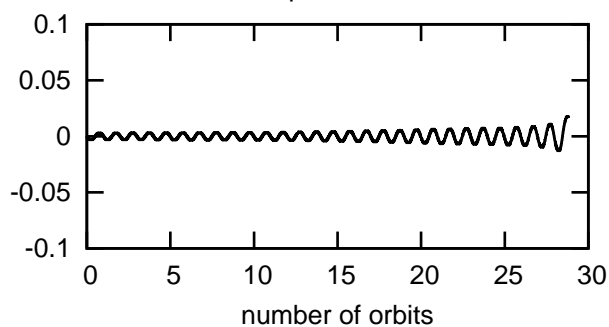
4d  $P^1N$  correction



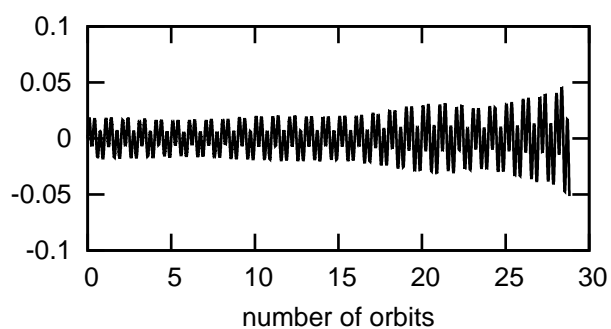
4b Quadrupole contribution



4e Spin-orbit  $P^1N$



4c  $P^{1/2}N$  correction



$h_+^{(22)}$  and  $h_x^{(22)}$  for the Quadrupole

