res v.s. time, res0=1.61e+01 time ratio: aa1 = 9.75e-01, aa1-safe = 1.03e+0010<sup>2</sup> aa1 aa1-safe original  $||g(x^k)||_2/||g(x^0)||_2$  $10^{-4}$ 10<sup>-6</sup> 1 2 5 6 3 4 time (seconds)