Elapsed Time for Various GMP Operations on Ryzen 3970X 32-Core (dim=100,000,000, prec=512) **15.47** 14 13.41 12.76 12 Elapsed Time (s) 10.33 9.519.63 9.59 10 mkIISR 7.64 mkII 8 -7.16 orig naive 4 2  $0.38\,0.39\,0.33\,0.33\,0.32\,0.32$ 0.33 0 27 rapis ratist 2. Andros ratio 22, molas mulis 22 Anglas rails 22 maples mill 23, modes of out of the second 22 modes orio