## 绪论

复杂度分析: 封底估算

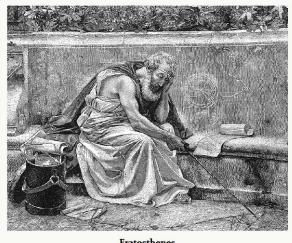
He calculated just as men breathe, as eagles sustain themselves in the air.

我仿佛是横越三世来见你的,而你却不在

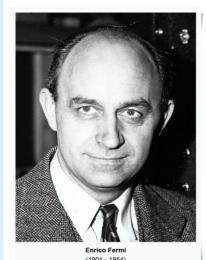


## Back-Of-The-Envelope Calculation

- ◆ 地球 (赤道) 周长 ≈ 787 x 360/7.2
  - = 787 x 50 = 39,350 km
- ❖ 1天 = 24hr x 60min x 60sec
  - $\approx$  25 x 4000 = 10^5 sec
- ❖ 1生 ≈ 1世纪 = 100yr x 365 = 3 x 10^4 day = 3 x 10^9 sec
- \* "为祖国健康工作五十年" ≈ 1.6 x 10^9 sec
- ❖ 宇宙大爆炸至今 = 4 x 10^17 > 10^8 x 一生



(276 ~ 194 B.C.)



## 实例:全国人口普查数据的排序

