심화전공실습 1

#p11\_Ray\_Tracing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | P1 | P2 | E1 | E2 | Total |
| Score | 1 | 1 | 0 | 0 | 2 |

Self-scoring table

이름 최영찬

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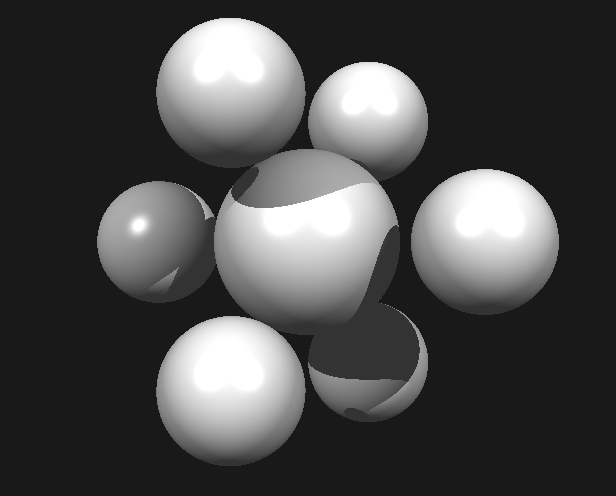
학과 수학과

제출일 2020.11.15.

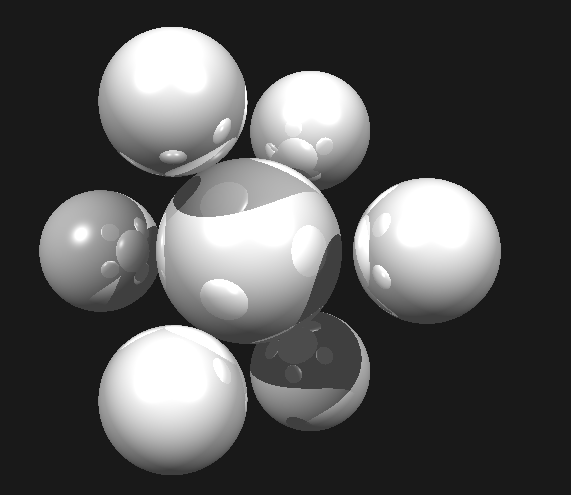
Practice

1. Ray tracing of spheres with various ray tracing depth

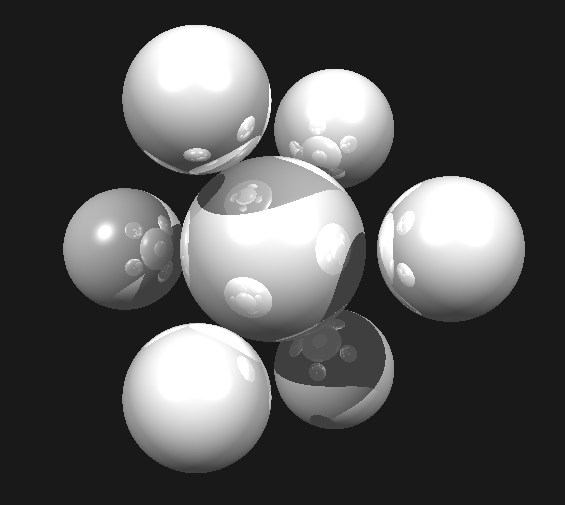
1 key



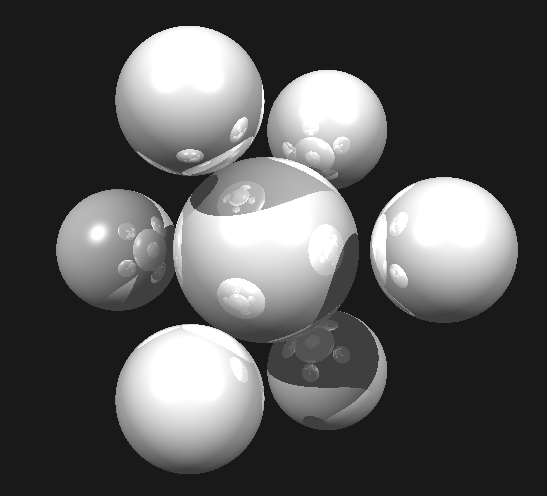
2 key



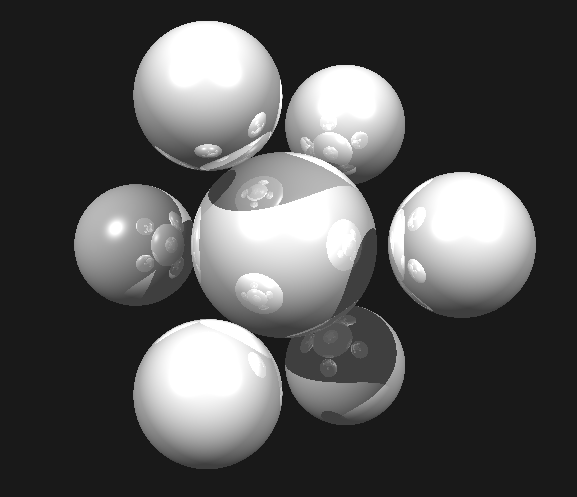
3key



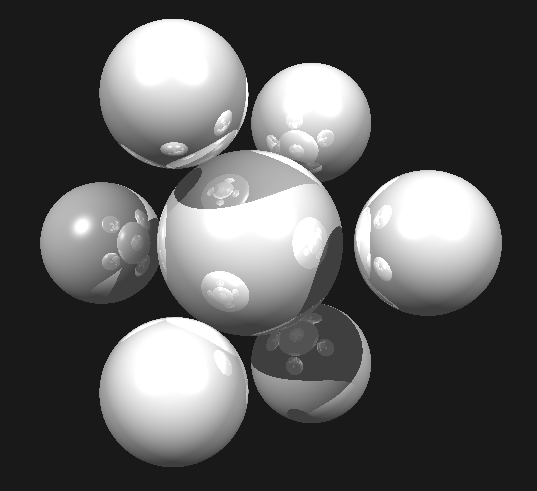
4key



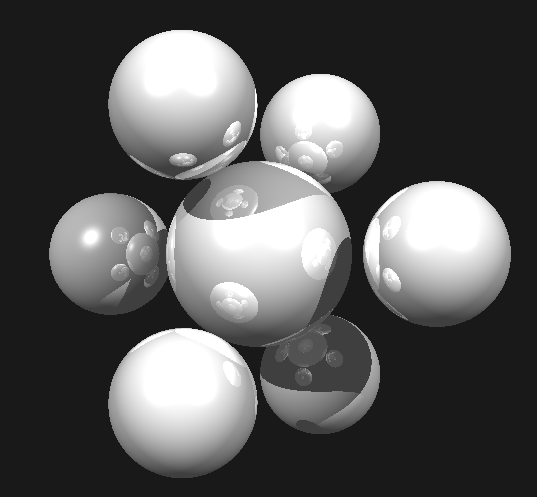
5key



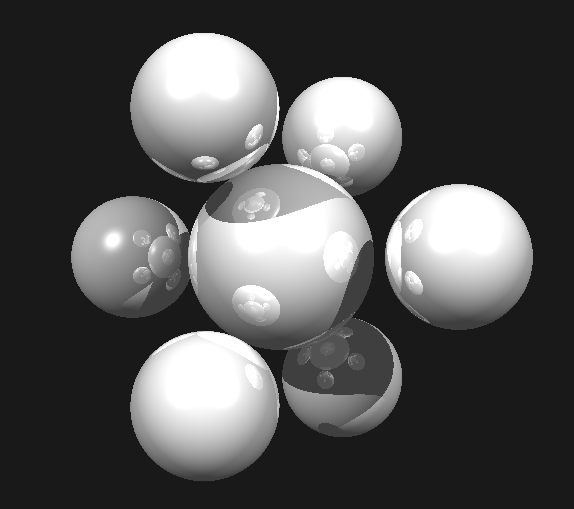
6key



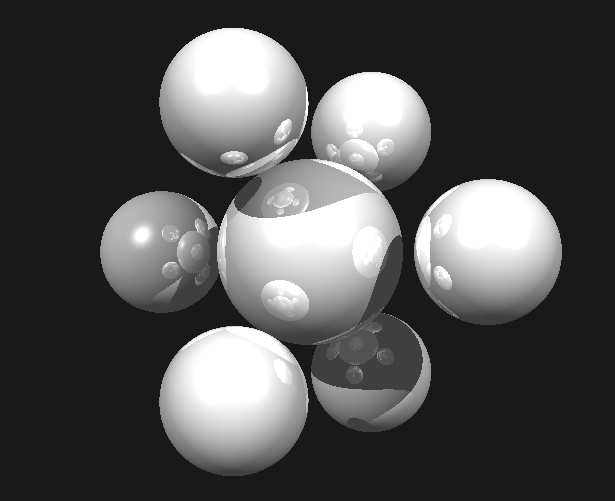
7key



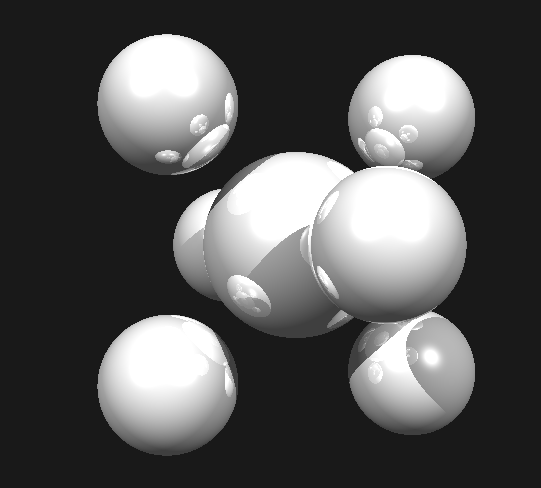
8key



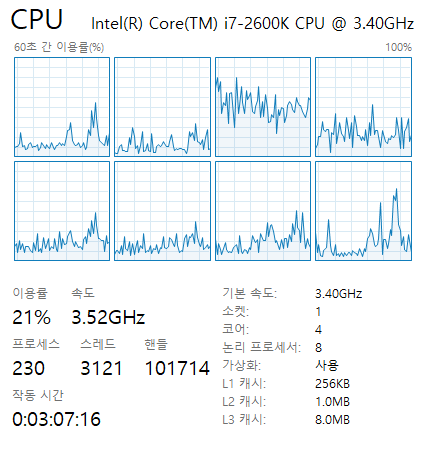
9key

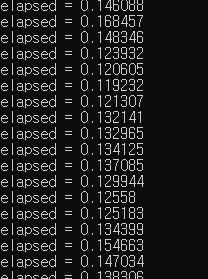


2. Parallel computing using OpenMP (show CPU usage)



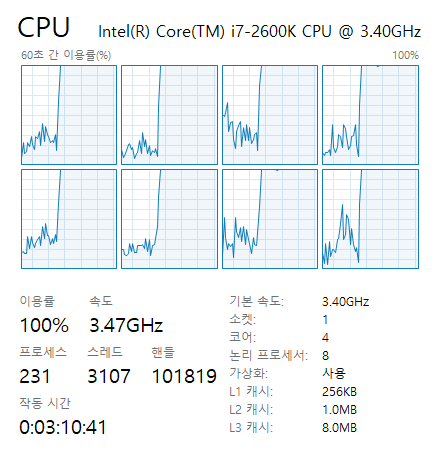
Non parallel computing 상태일때

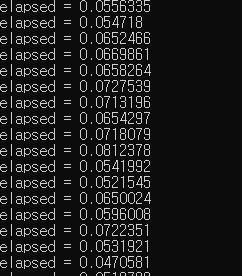




하나의 cpu에서만 높은 이용율이 보인다

parallel computing 상태일때





P를 눌러 parallel computing 을 on 하자 elapsed 수치가 떨어졌으며 cpu 이용률도 전체적으로 모두 사용되고 있다.