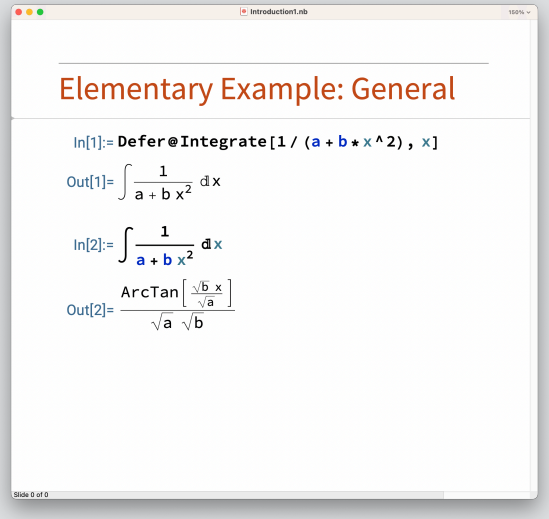
설치와 처음 시작하기

최만수 (고려대 물리학과)

Q3 소개

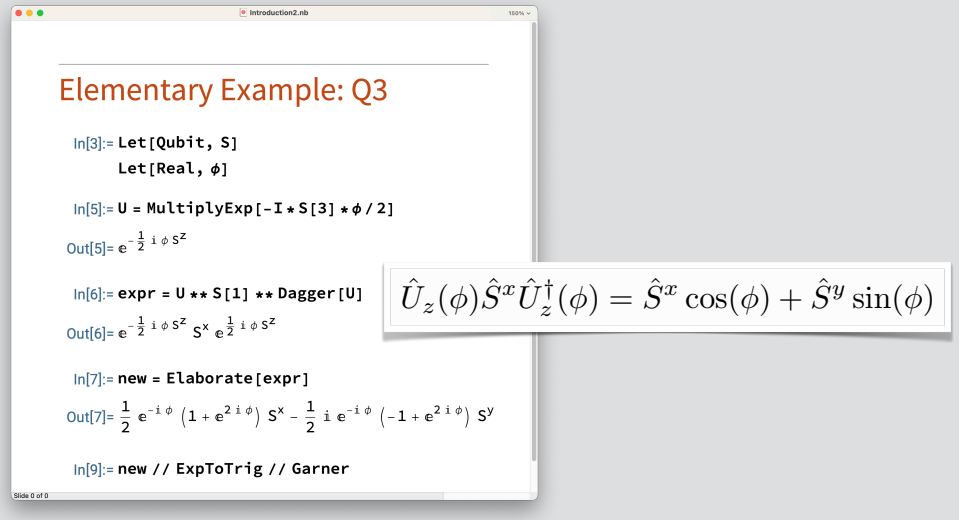
Let Mathematica® calculate,

You focus on ideas.



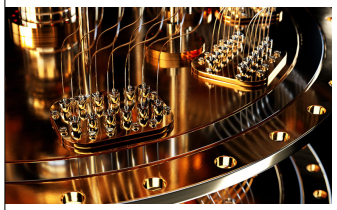
Let Q3 calculate,

You focus on ideas.



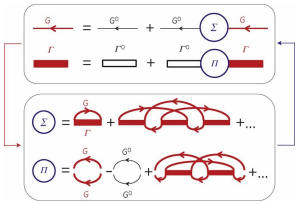
About Q3

Symbolic calculations to study …



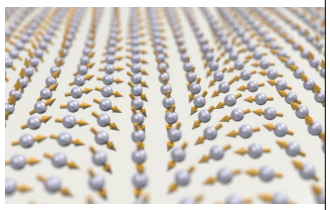
Quantum Information Systems

1



Quantum Many-Body Systems

2

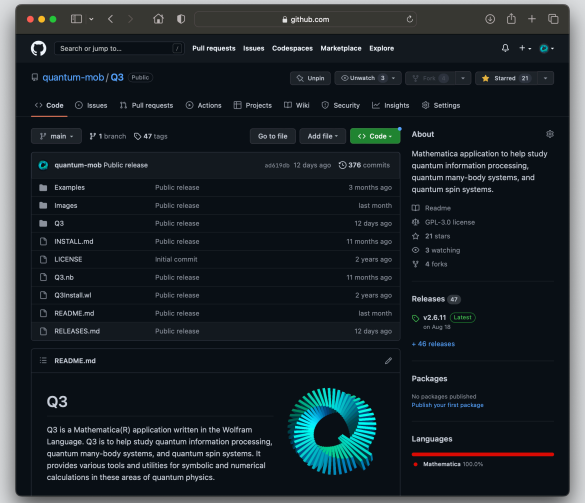


Quantum Spin Systems

3

Q3 설치하기

그리고 처음 시작하기



https://github.com/quantum-mob/Q3

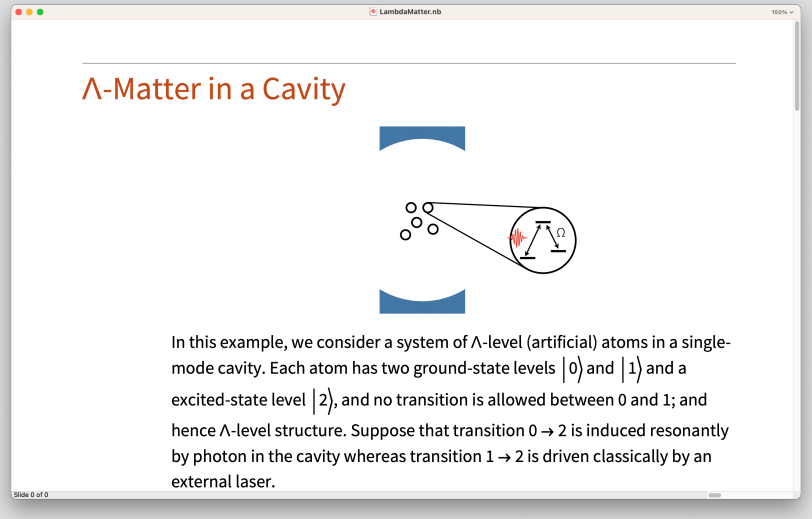
Q3 vs Qiskit vs PennyLane

vs many other quantum-computing simulators

Q3 vs Qiskit vs PennyLane

vs many other quantum-computing simulators

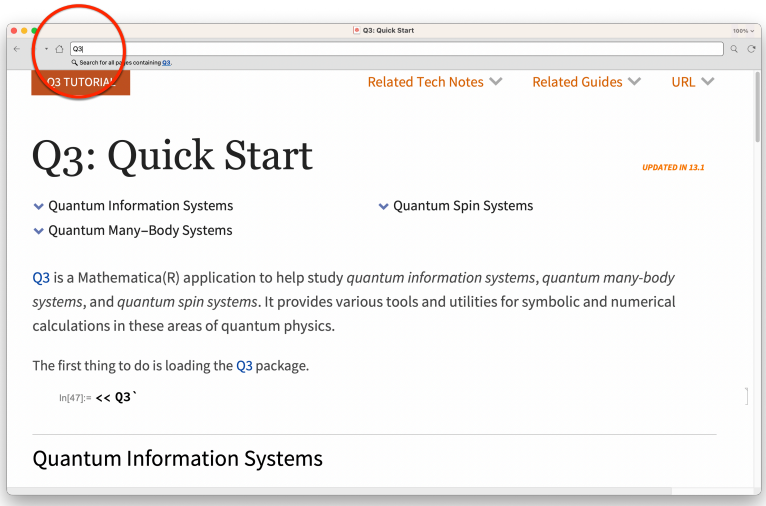
- Symbolic calculations (rather than numerical simulations).
- Far more than quantum circuits.
- Completely different design philosophy (Wolfram Language vs Python).



https://github.com/quantum-mob/Q3

Q3 Application

```
Module[
  { ps },
  ps = PacletSiteRegister[
    "https://github.com/quantum-mob/PacletServer/raw/main",
    "Quantum Mob Paclet Server"
   ];
  PacletSiteUpdate[ps];
  PacletInstall["Q3"]
]
```



감사합니다!