

Photoelectron, Brown Motion, Elastic Deformation and Harmonic Oscillators

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Abstract: Photoelectron and Brown motion need elastic rebounding energies.

Positron, electron, neutrino and antineutrino produce rotating electromagnetic waves of expanding radia, which have elastic mechanical properties. Every material has elastic and plastic mechanical properties, then.

In Chunbookyung, there are the rules for the rotating electromagnetic waves.

1. Photoelectrons

Accelerated electrons by lights need elastic rebounding body as in Fig.1(ref.1).

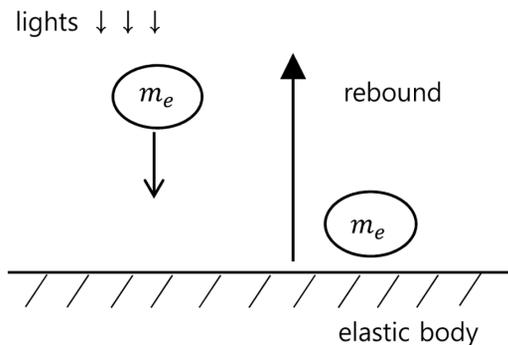


Fig. 1 photoelectrons

2. Brown Motion

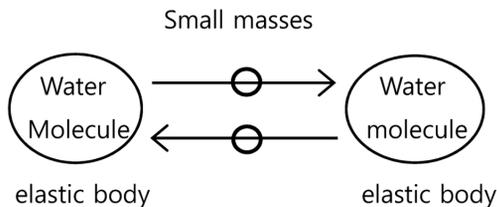


Fig. 2 Brown Motion

Accelerated small masses need elastic rebounding body as in Fig.2(ref.1).

3. Harmonic Oscillators

In Chunbookyung, there are ten states from 1 to 10(ref.2). Each means leftwise positive(1), rightwise negative(2), rightwise positive(3), leftwise negative(4), chaos(5), leftwise positive plus leftwise negative(6), rightwise positive plus rightwise negative(7), leftwise positive plus rightwise positive(8), leftwise negative plus rightwise negative(9), and mass gap(10).

In the cycling it begins at 1 or 10. Under the environment 9, it begins 1 and 1. Under the environment 8, it begins 1 and 2. Under the environment 6 and 7, it begins 1 and 3.

Positron, electron, neutrino and antineutrino produce rotating electromagnetic waves of expanding radia, which have elastic mechanical properties.

Every material has elastic and plastic mechanical properties, then.

4. Conclusions

Photoelectron and Brown motion need elastic rebounding, which comes from harmonic oscillators. They are rotating electromagnetic waves of expanding radia, which are generated from positron, electron, neutrino and antineutrino.

The rules are in Chunbookyung.

References

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