

Continuous Radiation from Bound Electrons

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The cyclic motion of a bound electron (A) produces a cyclic disturbance in the surrounding ether. This disturbance (a potential force) moves with the speed c . If, and only if, this potential force hits another electron (B), then at that moment a *real* force on B is produced. This force cannot earlier be realized since the force is proportional to the product of the charge in A and the charge in B. So, we find that the force on B is produced after a time delay. **This delay means that that no energy is drawn from electron A.** So, we find that bound electrons can produce *continuous* thermal radiation without losing kinetic energy.

When the force on electron B is realized energy is needed, and this energy must be provided by the ether. This means that *the ether must exist*. We also find that forces in electromagnetic radiation are potential, and not real. Therefore, electromagnetic radiation does not transport energy. Instead, this radiation contains the information needed to gain energy from the ether. This is done by means of a charge. So, the damned quantum jumping may not be needed at all, and can instead be regarded as a cover up for the mistake of using the law of energy conservation, without regarding the large amounts of energy that is existing in the ether.