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plasma requires three basic elements: first, the motion of all particles must be determined for some assumed electric and magnetic field configuration; second, the current and charge densities must be computed from the

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particle trajectories; and

third, the electric and magnetic fields must be self-consistently determined from the currents and charges, taking into account both internal and external sources.

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charged particles, the physics that govern their dynamics is radically different. First, the charged particles' motion is determined by electromagnetic fields, and second, the fields are

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