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The stability of inhomogeneous
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instabilities. The macroscopic equilibrium parameters depend on a single coordinate of an orthogonal system.

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electromagnetic wave interacting with
electron beams and plasmas also
serves as a basis for coherent ...

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in inhomogeneous plasmas to test the
validity of these theories and to

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determine what type of plas-ma heating one may obtain. This requires either sufficiently high temperatures and/or sufficiently collisionless plasmas, and electromagnetic waves incident onto an inhomogeneous plasma from the outside. To study some of these, effects, we set

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