

High Frequency Relaxations in Liquid Metals

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Liquid metals are an outstanding example of systems combining great relevance in both industrial applications and basic science. On the one hand, they find broad technological application ranging from the production of industrial coatings (walls of refinery coker, drill pipe for oil search) to medical equipments (reconstructive devices, surgical blades) or high performance sporting goods. We recently discussed the dynamical properties of liquid metals in the THz frequency region in a review paper appeared in *The Reviews of Modern Physics* .