

On heavy metals, toxicity, monitoring and living systems

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All objects, including human bodies, emit electromagnetic radiation, see [1] and [2]. This article is on radiation associated with heavy metals present in human bodies, like calcium which is biochemically essential, but lethal when bonded to hydrocyanic acids.

Our interest is on remote sensing and monitoring of these metals, before they could lead to unwelcome consequences. We have demonstrated that detection is possible at a laboratory situation [2]. In this contribution we extend the study to living systems.

References

- [1] R. Singh, N. Gautam, A. Mishra, and R. Gupta, *Heavy metals and living systems: An overview*, Indian J Pharmacol **43(3)** 246–253.
- [2] J. Manale, *Introducing Smart Symmetries with application to gravity related radiation* , International Journal of Mathematical and Computational Methods **1** 40–47.