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Luigi Accardi* (accardi@volterra.uniroma2.it), Centro Interdipartimentale Vito Volterra,
Faculty of Economics, Università Torvergata, Via Columbia 2, 00133 Roma, Italy.

Renormalization, Lie algebras and infinite divisibility. Preliminary report.

In the past ten years several unsuspected relations have emerged among the topics mentioned in the title. The present talk will review the conceptual framework, achievements and open problems.

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