

HOPF ALGEBRAS AND QUANTUM FIELD THEORIES ON NONCOMMUTATIVE SPACES

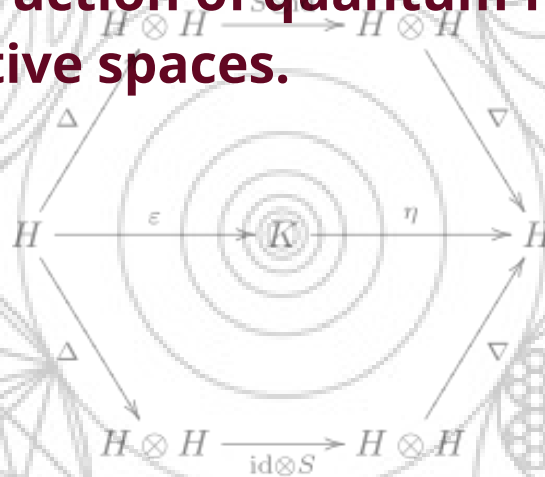


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ADVANCED TOPICS IN THEORETICAL PHYSICS

In this talk I will introduce the notion of mathematical structures called Hopf Algebras, discuss their origins with some examples and finally, describe their one particular application in physics i.e., construction of quantum field theories on non-commutative spaces.



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