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explained below b modern quantum mechanics is based on axioms but are tenuous at best c the book is so formally developed as to actually give credence to the parallel field d if modern qm was presented this way the field would actually be somewhat palatable

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thereof with these sentences
gee lusztig lays out the large
scale structure of the
discussion that follows in the
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May 19th, 2020 - here is an introduction to the theory of quantum groups with emphasis on the spectacular connections with knot theory and drinfeld's recent fundamental contributions it presents the quantum groups attached to sl_2 as well as the basic concepts of the theory of hopf algebras'

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Of Elementary Particles
Therefore Physicists Are Trying
To Build Theories Of
Elementary Particles And
Elementary Interactions As ?eld
Theories Of Quantum Objects
Or Quantum ?eld Theories

Modern Physics Also
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Connecting
Phenomena "QUANTUM GROUP

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DISCOVERY OF QUANTUM GROUPS WAS

QUITE UNEXPECTED SINCE IT WAS KNOWN

FOR A LONG TIME THAT PACT GROUPS

AND SEMISIMPLE LIE ALGEBRAS ARE RIGID
OBJECTS IN OTHER WORDS THEY CANNOT
BE DEFORMED ONE OF THE IDEAS BEHIND
QUANTUM GROUPS IS THAT IF WE
CONSIDER A STRUCTURE THAT IS IN A
SENSE EQUIVALENT BUT LARGER NAMELY

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g with corresponding extra
axioms set about group non
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group refers to various objects which are deformations of algebras of functions on groups but still have very similar properties to algebras of functions on groups and in particular to semisimple lie groups most important are the hopf algebras deforming the function algebras on semisimple lie groups or to the enveloping algebras of kac moody lie algebras

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THEORY OF THEIR ACTIONS ON FACT
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the theory of quantum groups a
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applied mathematics throughout
the thesis basic theory of
requisite background material is
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background material includes
vector spaces algebras'*

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