



Contribution ID: 16

Type: **not specified**

Minimal doubling and point splitting

Tuesday, 15 June 2010 18:00 (5 minutes)

Minimally doubled chiral fermions have the unusual property of a single local field creating two fermionic species. Spreading the field over nearby neighbors allows construction of combinations that isolate specific modes. Combining these fields into bilinears produces meson fields of specific quantum numbers.

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poster

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Session Classification: Poster session

Track Classification: Chiral symmetry