Symmetries of space time (and all the rest)

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Show translation C change conjugin

P parity P parity

boost Catilei exchange of ident, part.

"transformation group"

set Sobjects SI = g.s

Gg.s = g'(gg) = g'(gg)

indeed any symmetry g represented by the ore

or the continue of the continue

math structure behind all this

["representation"]  $r: g \ni g \longrightarrow U \ni S = v(g)$ [Space time]

[Hilbert space]

[Libert space]

[Space time]

[Hilbert space]

[Very propertor

[Ve