

## Geometrization of fields

Geometrization of classical fields relies on induction procedure. Induction procedure  $CP_2$  spinor connection is induced/projected to space-time surface and gives rise to classical electro-weak gauge potentials.

1. Parallel translation is carried out using spinor and vielbein connections of imbedding space.
2.  $CP_2$  allows the identification of color gauge potentials as projections of Killing vector fields of color group  $SU(3)$  meaning that color quantum numbers are not spinlike: colored states are analogous partial waves in  $CP_2$ .
3. Metric of imbedding space is induced to space-time surface meaning that distances are measured using the metric of the imbedding space.
4. Spinors of 8-D imbedding space define spinors in space-time and gamma matrices are projected: this geometrizes electroweak isospin and em charge.
5. Induction procedure forces to replace superposition of fields with that of the effects caused by them.