4th ComHEP: Colombian Meeting on High Energy Physics (Barranquilla, Colombia)



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Non Abelian SQED4 in the null-plane gauge

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We are going to study the non-abelian SQED4 on the null-pane coordinates. The constraint structure of the theory is analyzed and appropriated boundary conditions on the field are imposed to fix the hidden subset first class constraint which generated improper gauge transformations and obtain an unique inverse of the second class constraints.

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