Inflation of Bianchi type-$\Rmnum{7}_0$ Universe with Dirac Field in Einstein-Cartan theory

We discuss the Bianchi type-$\Rmnum{7}_0$ cosmology with Dirac field in Einstein-Cartan theory. We obtain the equations of Dirac field and gravitational field in Einstein-Cartan theory. We find a Bianchi type-$\Rmnum{7}_0$ inflationary solution.

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