

Oscillating Universe in Hořava-Lifshitz Gravity

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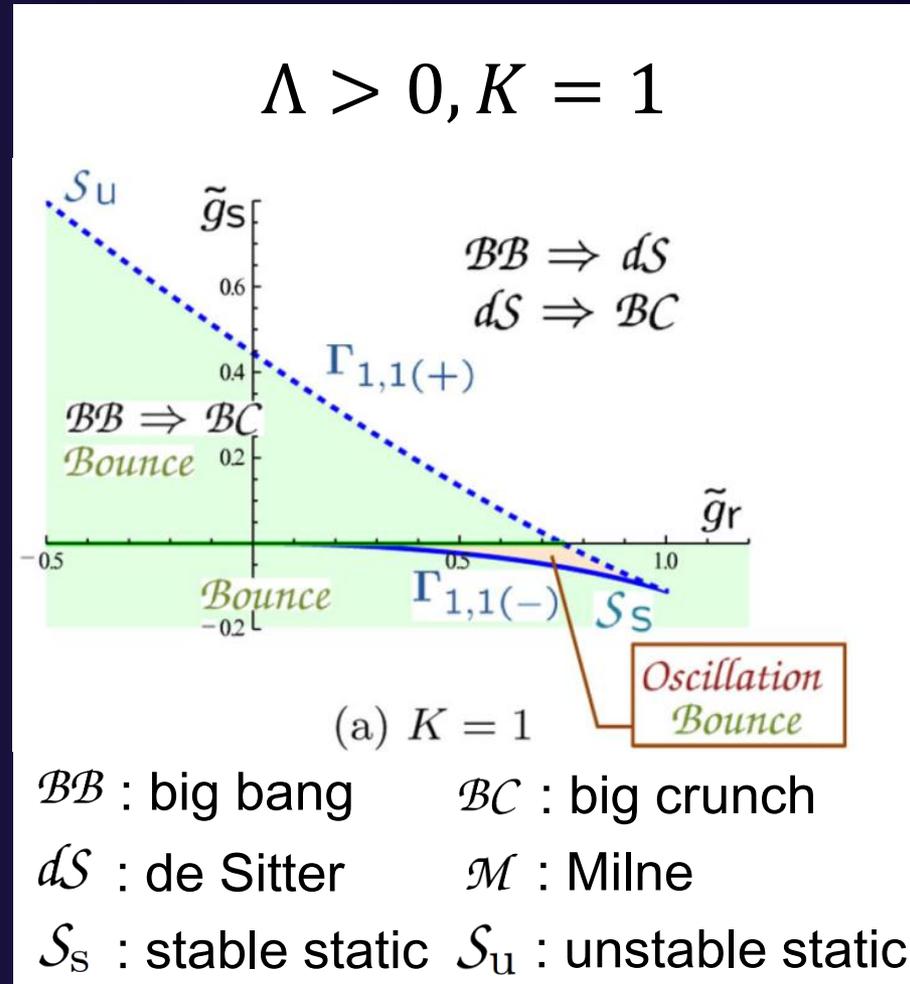
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◆ Abstract

- Isotropic and homogeneous universe in HL gravity without detailed balance condition.
- Classifying all possible evolutions of vacuum spacetime.

Conclusion

- Higher curvature term from anisotropic scaling may avoid initial singularity.
- Macroscopic cyclic universe may be found by considering quantum tunneling scenario.
- For details, Please visit our poster (No.42)



Thank you for your attention.