

# Inflationary Cosmology

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## 1 Abstract

I will give overview of the standard model of hot universe and concentrate on inflation, perturbations and CMB fluctuations. The lectures are based on chapters 1, 3, 5 and 8 of the book [1].

## References

- [1] V. Mukhanov, *Physical Foundations of Cosmology*, Cambridge University Press, Cambridge, UK, 2005.