

From initial conditions to galaxies

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Introduction

Theory

Introduction

Classifying galaxies

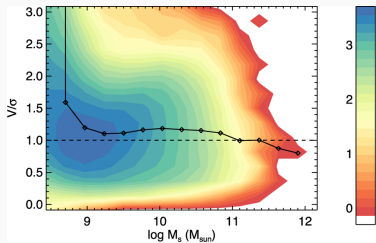


Figure 1: M vs v/σ

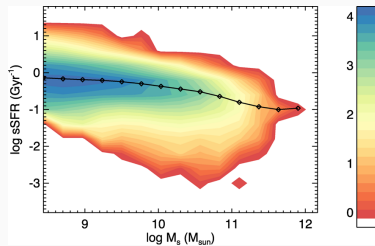


Figure 2: M vs v/σ

Classifying galaxies

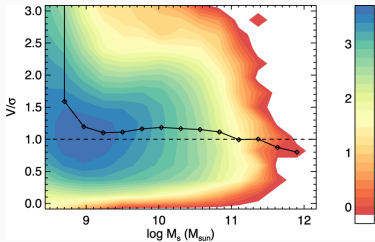


Figure 1: M vs v/σ

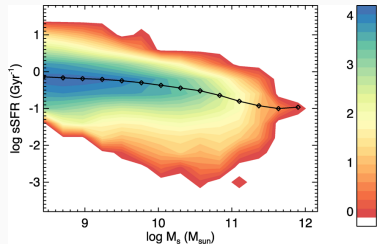


Figure 2: M vs v/σ

A few parameters

1. M_{200}
2. color / SFR
3. elliptical / spiral ?
4. ...

- On space – image of H-AGN

Dependance of the parameters

- On space – image of H-AGN
- On z – show redshift evolution / ref

What to do?

Theory

- (too?) simplistic
- hard to write, quick to run
- enlightening

Simulation

- “easy” to write, costly to run
- “full” physics
- not much statistics

galaxies live in an environment...

galaxies live in an environment...

... and evolve with time!

Theory

Modeling galaxies

