



Statistical Physics of Disordered and Glassy Systems

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Projects

- Rheology of amorphous solids
- Glasses
- Statistical inference
- Machine learning
- Constraint Satisfaction Problems
- Disordered quantum systems

Tools

- Mean field theory
- Replica and cavity method
- Numerical simulations
- Field theory
- Stochastic dynamics
- Random matrices

The interested student can send me an email to discuss directly specific projects on these topics.