

Meeting Agenda and Minutes

Meeting Title: Group 35 | Project Meeting3

Date: 26 April

Time: 2-3pm on Tuesday

Attendees: Professor Simon Dennis

- UoM academic supervisor: Astrid Zeman
- Group 35: Keang Xu, Cenxi Si, Guoan Wang, Manish Kumar Shaw

Item: rEDM

Allocated time: 30 minutes

Notes: Go through the documents in rEDM

- Time Series as observations of a Dynamic System
- Attractor Reconstruction
- EDM Examples – Nearest Neighbor Forecasting – 2 embedding dimensions perform the best forecast skill.
- Prediction Decay

Item: Next Steps

Allocated time: 10 minutes

Notes: what our team needs to do before next meeting:

1. try to run rEDM code with example dataset on Nearest Neighbor Forecasting and prediction decay
2. understand the figures from the R outputs
3. transfer those R codes to Python and produce the same process

Source: <https://ha0ye.github.io/rEDM/articles/rEDM.html>