OVERVIEW: ML in IP & DA.

October 27th 25

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5.x 40 minute rectures:

Hugien 2tnact

Mo 40 minute demonstrations:

Ricardo Baptista

LECTURE NOTES / ML for IP & DA

Back, Baytista, Janz-Alonso, Stuart

arXiv: 2410.10523

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ML

Machine Fearning

DA

Data ASIIMILATION

IP

LMS/doig SZIBURI

TOPICS OF LECTURES // Andrew

- 0 L1: Métrics & Divergences (ch 11)
- 0 LZ: variational Inférence (Ch1,2)
- 0 13: transport (ch 11, 13 x 4)
- 0 L4: Learning 3DVAA (Ch9)
- o LS: Learning EnKF (ch9+ Papers)
- 0 L6: Scoring Rules (Ch 11, Ch 10)
- TOPICS OF DEMONSTRATIONS// Ricardo
- 0 D1: Learshort Low ID = NI & Hwortigation
 - $(cN2 \times cN5)$
 - 0 DZ: Learning Filters for DA (3DVar)