## HBN-warmup project (SAB2) Week 3 (April 21 - 28)

(1) "A resource...."> To understound preprocessing on HBN

https://www.notion.so/A-resource-for-assessing-informationprocessing-in-the-developing-brain-using-EEG-and-eye-trackinge49bbbcbb26645f88ca7a2f92ea7882c

- Dupdate the EEG channel coordinates

  (3) Sanity Check Plots (notebook time)

Optional workload:

- 1 physics of EEG Book (1stchep.) => ~35%
- @ Overview of Brain Science: (Chapter 1)

https://www.notion.so/Brain-Science-0b16095d6d4441e49023992a75a6f70c? v=e34352f891e74a2a8f12d737935e3a5e

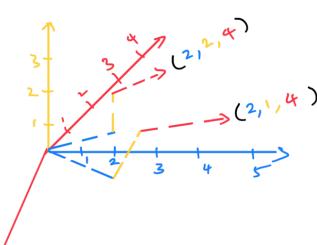
3 Source Reconstruction (journal Pre-print)

To-Do for next week: O Signal source Separation

Optional workload:

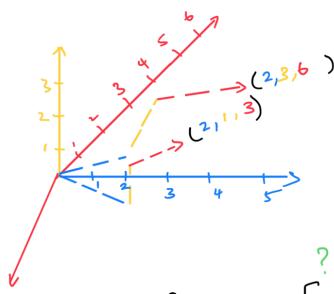
- (1) Brain science (Chapter 2) (2) Physics of EEG book (Chapter 1)

## Source



2 2 2 1 4 4

Mired at the destination



22 136

Source x [unknown] = mixed

Matrix of

Interest:D

How do I transform so that I get back the original matrix questions:

- 1. Artefacts
- 2. Source Signal reconstruction