« AR SUMMER SCHOOL »

« Geometric Dispatching Study Inside a CAVE »

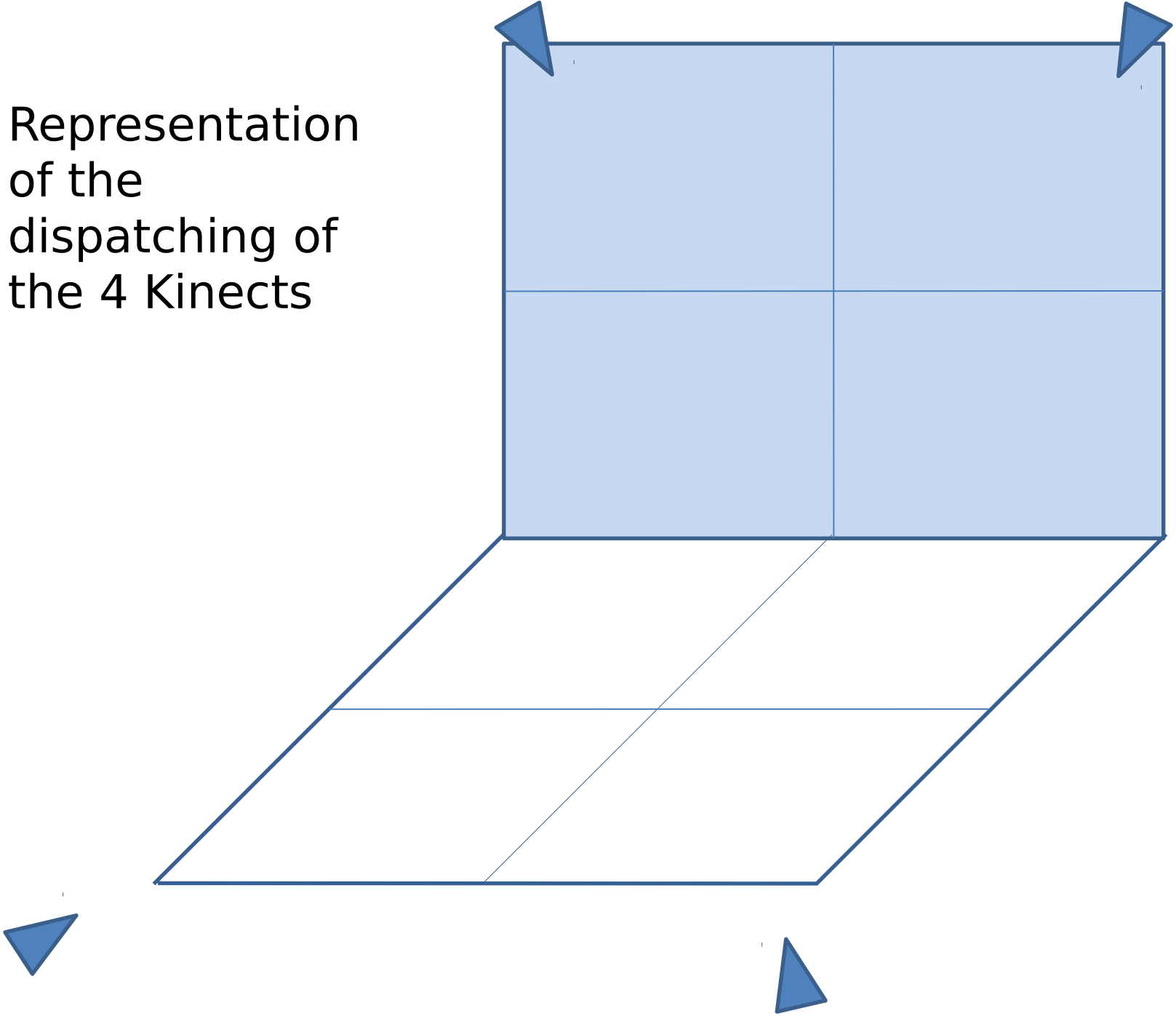
Dr. Taha Ridene

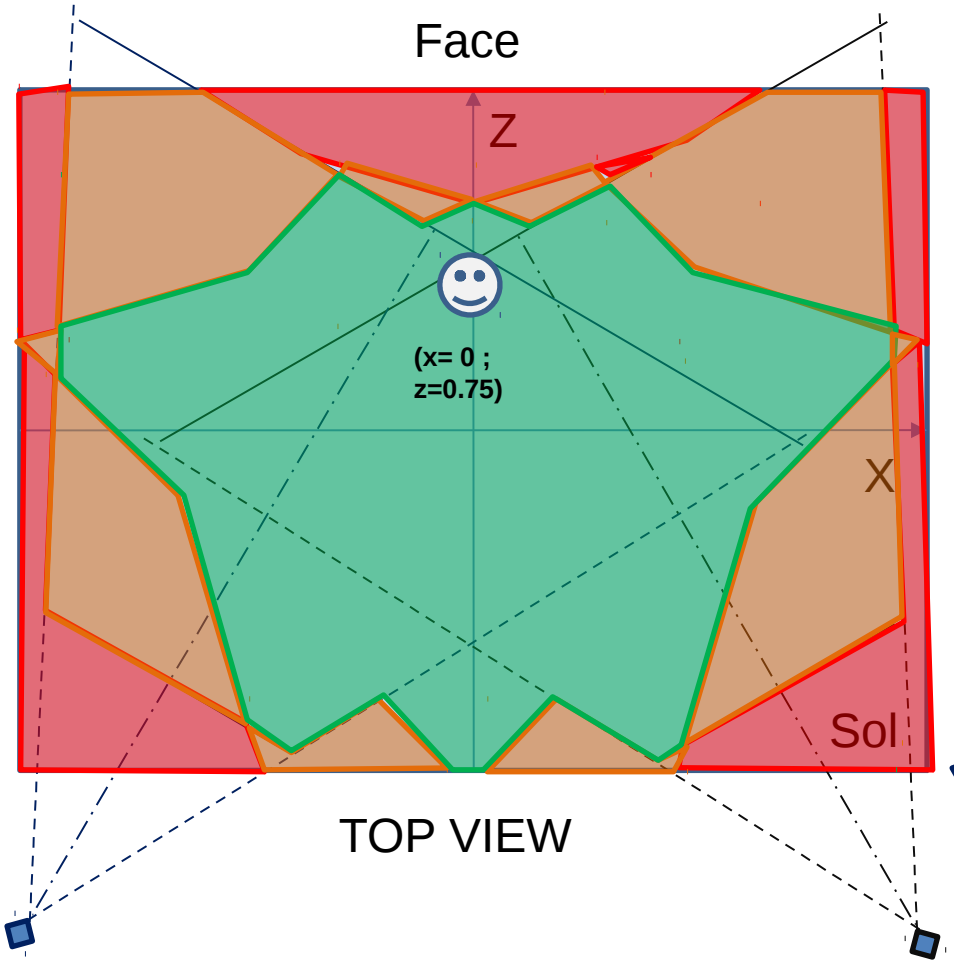
taha.ridene@mines-paris.org
taha-ridene.com

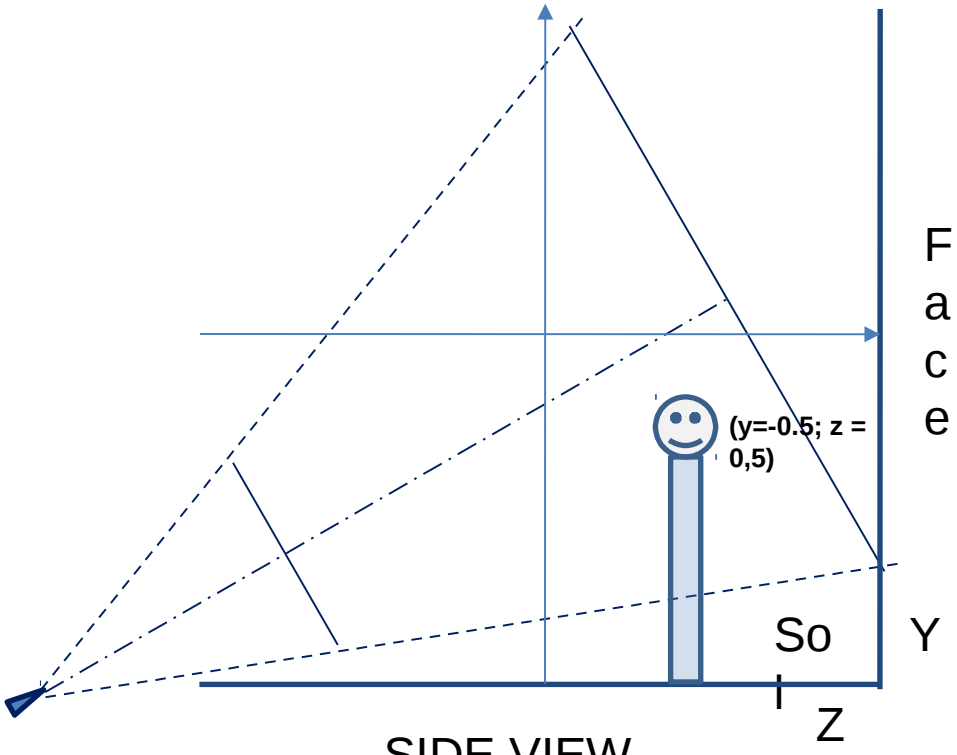
July 2016

CONTEXT

Representation of the dispatching of the 4 Kinects







TRACKING SUCCESSFUL

NB : The orientation of the Kinect sensor should be taken into account with high accuracy

For cost reasons, the number of Kinects at the Tracking module is limited to 3.

1. Submit a geometric positioning of dispatching Kinects insite **the SAS**

2. The transition to a virtual reality room with the same dimensions, but with **3 more screens** would have an impact on the performance of the tracking module (fashion CAVE) ?

For cost reasons, the number of Kinects at the Tracking module is limited to 3.

3. Offer a **client-server scheme** for multi-sensor transmission of this multi- Kinects Module.

4. We need **preprocessing phases** to produce a fusion step KINECTS 2-2 ? What **sensors** will propose you make it easy for this phase of fusion ?

I would like to make a tennis game application in SAS

5. The multi- Kinects module is sufficient for the realization of this type of application ?

6. In addition to the Multi- Module Kinects , **which sensor**, furthermore, will propose you for making this application?

7. Update your **client-server scheme** incorporating this sensor.

Thank you:)