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Working with Dr. Lobo's marker-less ego-motion tracking device:

- four cameras facing outwards in a cross pattern
- uses the optical flow from each camera to calculate its motion over time

More specifically:
Comparing tracks from two of the devices to determine if they are both moving in the same way over time

Process:

- extract the motion of the devices

- import the 3D points into matlab and create 3D tracks

- use Dynamic Time Warping to determine the similarity between two tracks