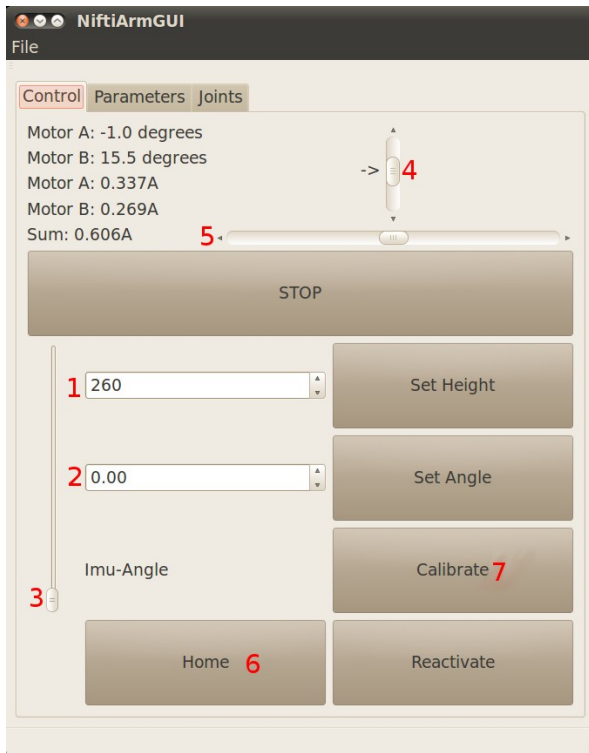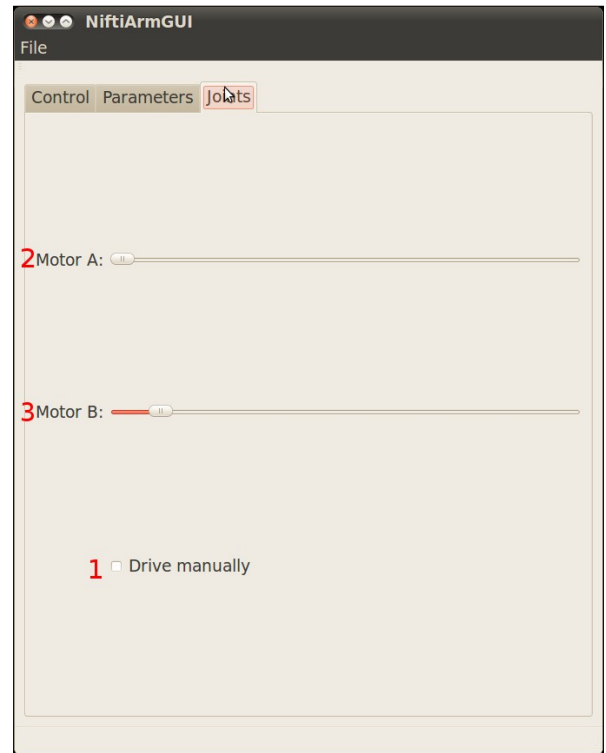# NIFTi arm demo GUI

GUI Tab 1: General Control

GUI Tab 2: Manual control for each motor

GUI Tab 1: General Control

You can enter the desired height for the NIFTi arm into (1) or change it by moving (3). You can set an angle between the gravity axis and the axis passing the base plate and the camera mounting in (2) and confirm it by pressing the button labeled "Set Angle". You can control the PTU by moving (4) and (5). By pressing "Stop" the motor will <u>shut down</u>. You need to reactivate it by pressing the button labeled "Reactivate". By pressing (7) the current IMU angle will be defined as 0 degrees. Pressing (7) will restart the homing procedure.

GUI Tab 2: Manual control for each motor

If you want to move each motor manually you need to enable (1). Then you can move the shoulder joint (the one which is mounted on the base plate) by moving (2) and the elbow joint by moving (3).