



Copy and replace the combined bias values and combined scale factors in this sketchbook (check signs; by default, bias is subtracted from raw values):

Code: [Select]

```
Xm_off = compass.m.x*(100000.0/1100.0) - 8397.862881; //X-axis combined bias (Non calibrated data
Ym_off = compass.m.y*(100000.0/1100.0) - 3307.507492; //Y-axis combined bias (Default: subtractin
Zm_off = compass.m.z*(100000.0/980.0) + 2718.831179; //Z-axis combined bias

Xm_cal = 0.949393*Xm_off + 0.006185*Ym_off + 0.015063*Zm_off; //X-axis correction for combined sc
Ym_cal = 0.006185*Xm_off + 0.950124*Ym_off + 0.003084*Zm_off; //Y-axis correction for combined sc
Zm_cal = 0.015063*Xm_off + 0.003084*Ym_off + 0.880435*Zm_off; //Z-axis correction for combined sc
```