MATLAB Codes for Calvin's M.Sc. [Engg] Thesis

The following MATLAB programs were used as a part of MSc.(Engg.) thesis submitted.

**Thesis Title:** Development of novel reconstruction methods based on L1-minimization for near infrared diﬀuse optical tomography

Calvin\_MScEngg\_Thesis.pdf

**Programs:**

1. dynamic\_dot\_stationary.m
2. reconstruct\_L1\_phantom
3. reconstruct\_L2\_phantom.m
4. reconstruct\_dynamic\_cw\_L1.m
5. reconstruct\_dynamic\_cw\_L2.m
6. reconstruct\_stnd\_cw\_first\_frame.m
7. reg\_min\_res.m
8. structural\_dot.m
9. structural\_phantom\_dot.m
10. dynamic\_dot\_moving.m
11. reconstruct\_hardpriors.m
12. newton\_solver\_picL1.m
13. reconstruct\_stnd\_cw\_spatial.m
14. reconstruct\_stnd\_cw\_picL1.m