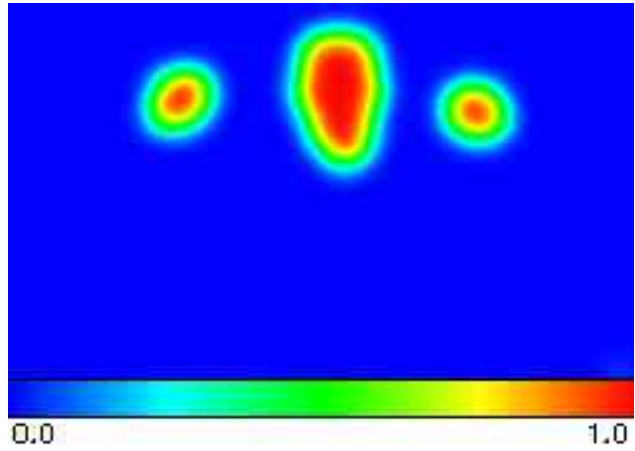**Appendix A. Additional Material**
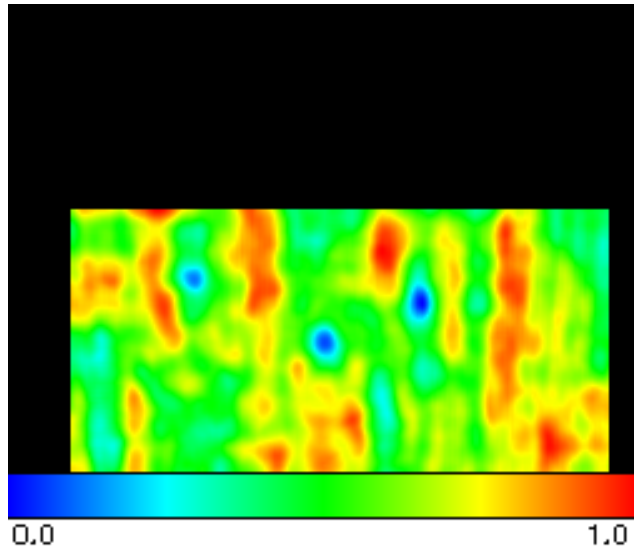
(a) Original image

(b) Results of backprojecting information from $\mathcal{H}_{\text{meta,torso}}$ to Fig. A.7a.

Figure A.7: Exemplary backprojection map, color encoding is in *heat map* style, as indicated by the color reference bar below Fig. A.7b.

(a) Original image

(b) Gabor cue map for Fig. A.8a

Figure A.8: Exemplary Gabor cue map for the meta torso: for visual convenience, normalization to $[0; , 1]$ has been applied in the right image; generic heat map color encoding is used, black regions represent 'forbidden' torso locations. The torso detection corresponding to the most pronounced minimum in Fig. A.8b has been overlaid to Fig. A.8a (green outline).
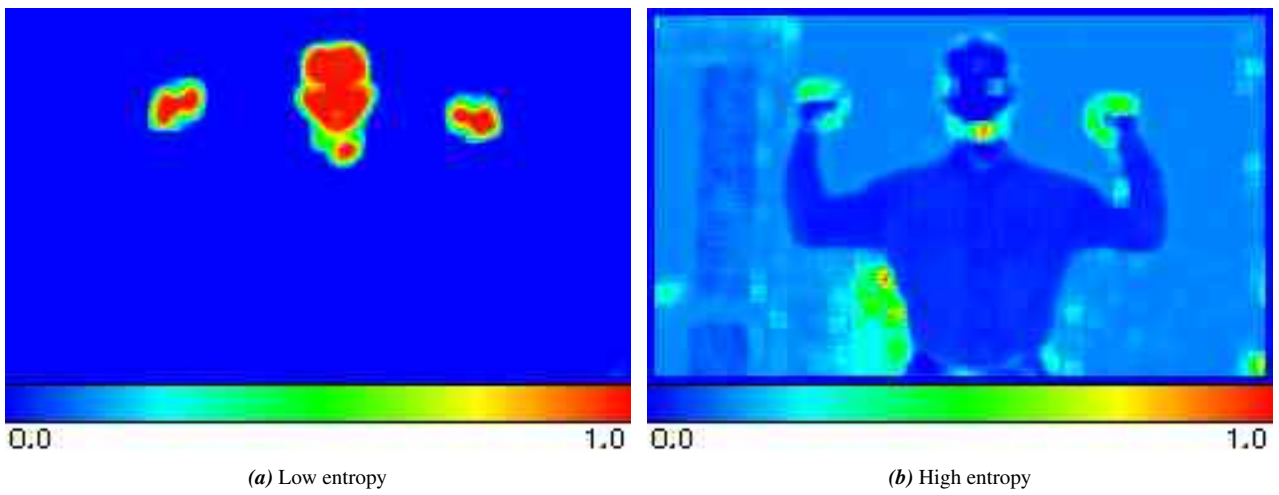
(a) Low entropy

(b) High entropy

Figure A.9: Visualized entropy states: the depicted color similarity maps $U_{R_{\text{torso}},\gamma_{\text{torso}}}(\mathbf{x})$ are calculated for the original input image in Fig. A.7a; color encoding is in heat map style.
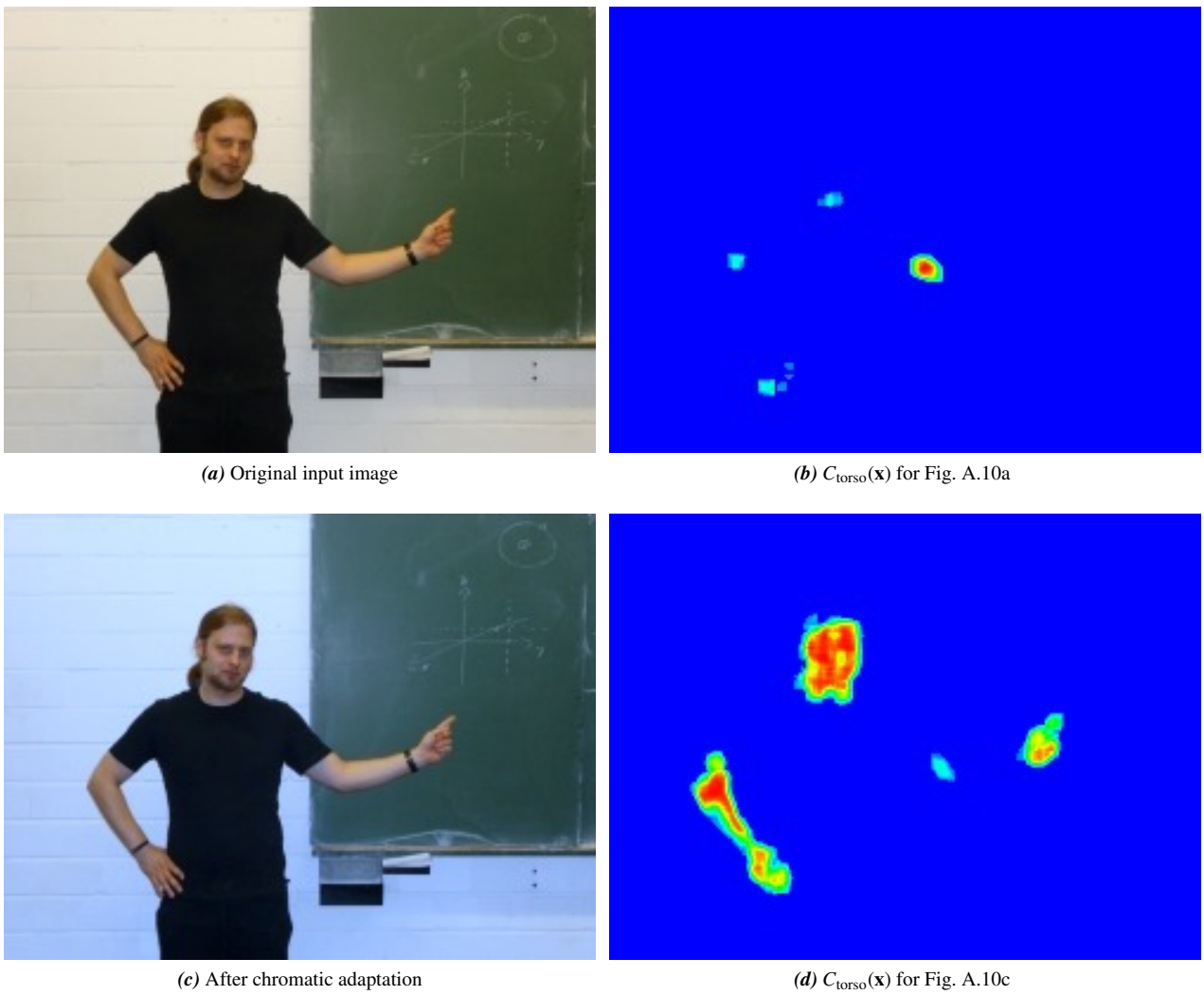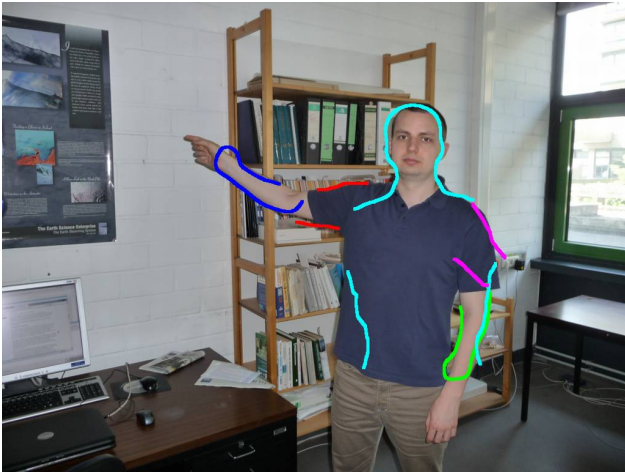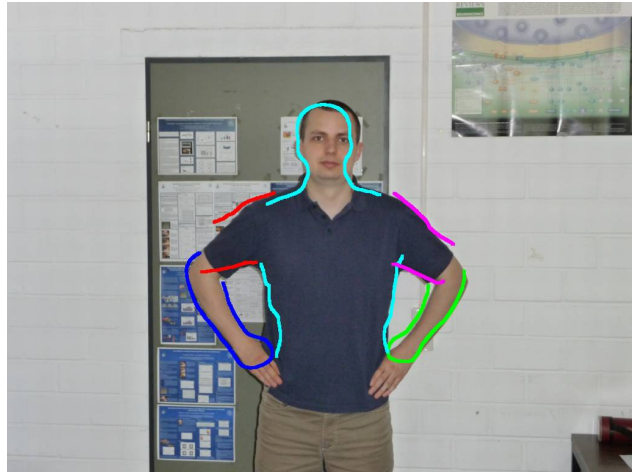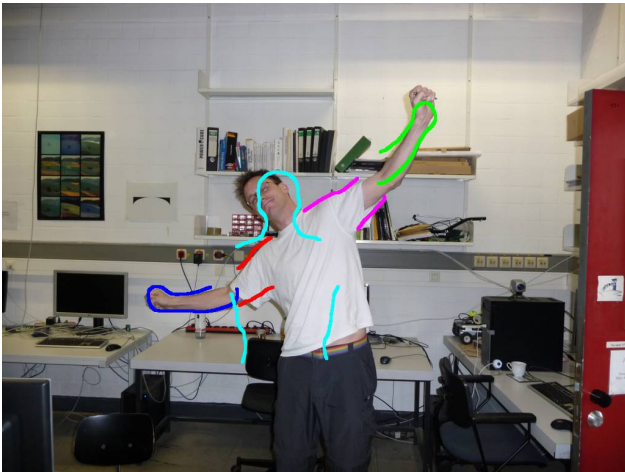

(a) Original input image

(b) $C_{\text{torso}}(\mathbf{x})$ for Fig. A.10a

(c) After chromatic adaptation

(d) $C_{\text{torso}}(\mathbf{x})$ for Fig. A.10c

Figure A.10: Exemplary chromatic adaptation results: the backprojection maps' color encoding is in heat map style; observe the significant improvement achieved through chromatic adaptation.

20

(a)   *(b)*
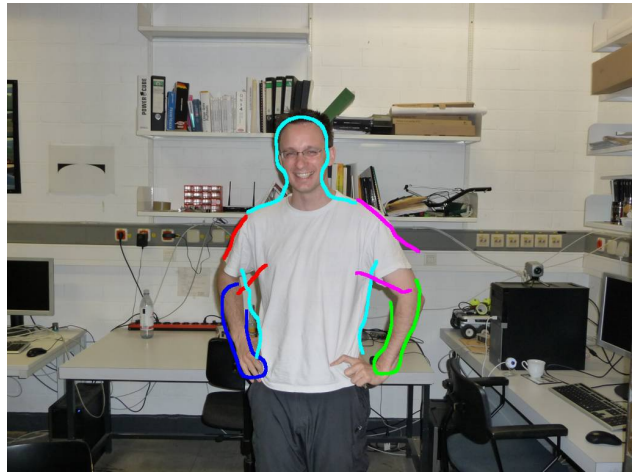
(c)   *(d)*
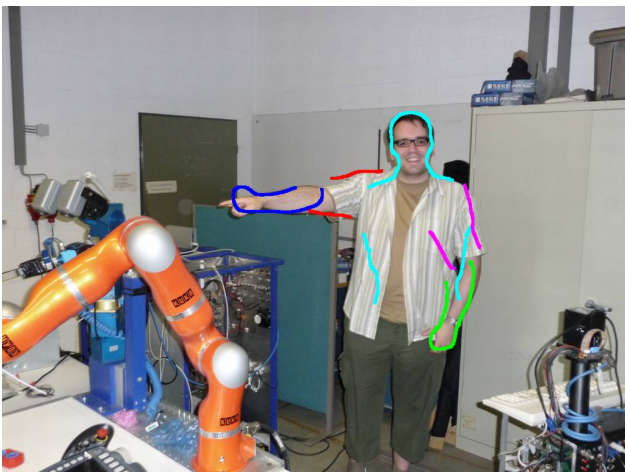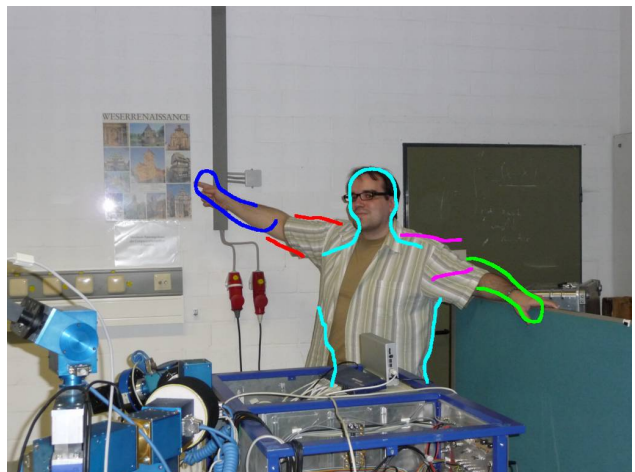
(e)   *(f)*

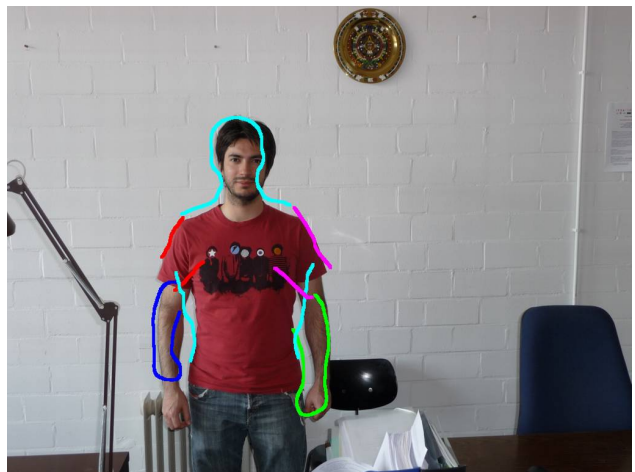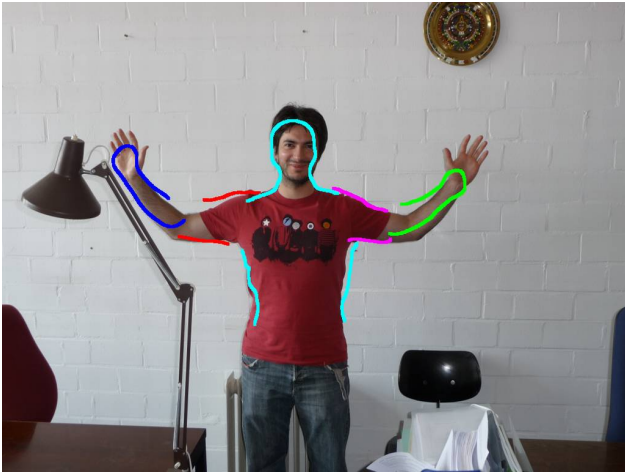***Figure A.11:*** Posture estimation results (sheet A)
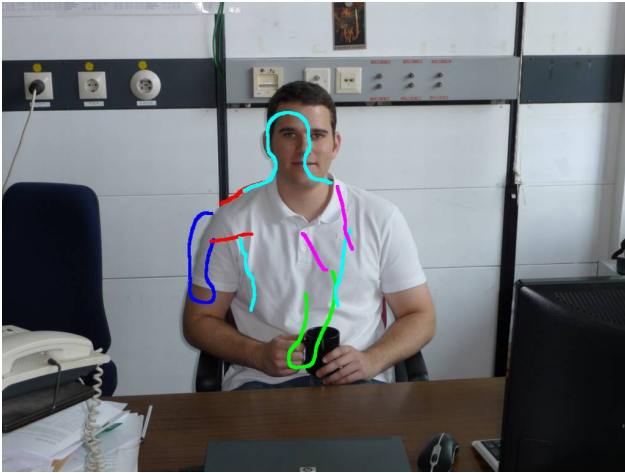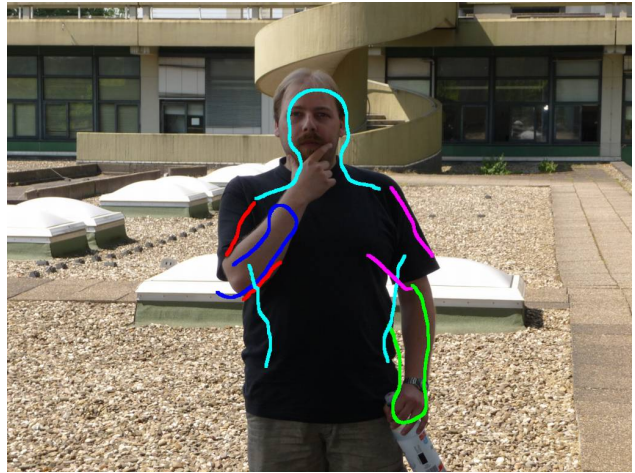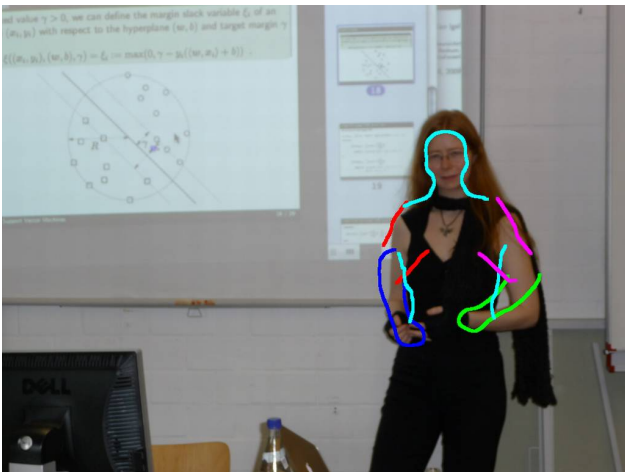
(a)
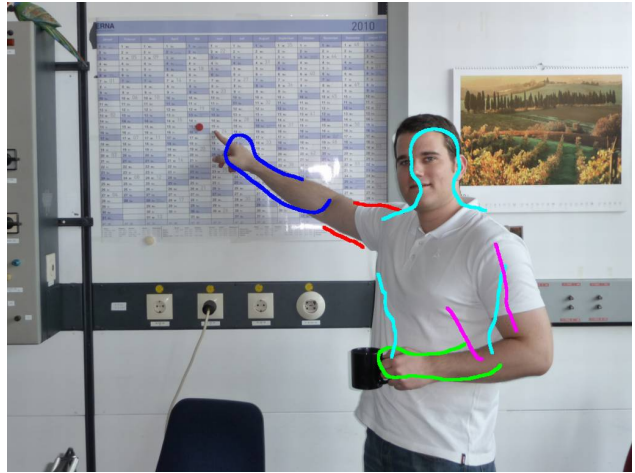
(b)

(c)
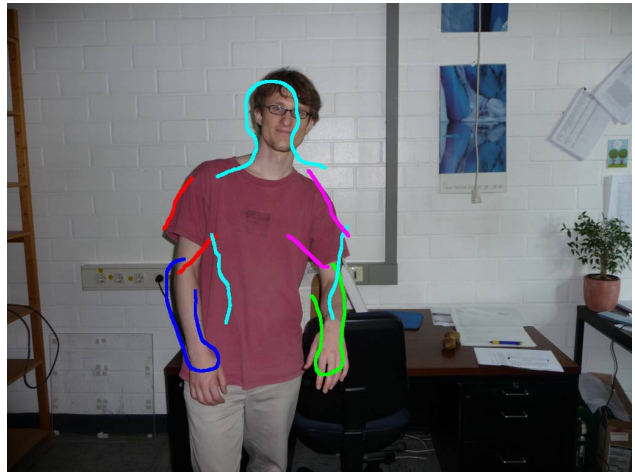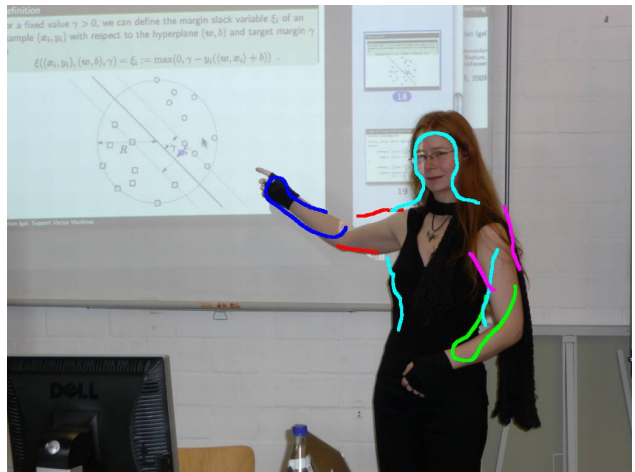
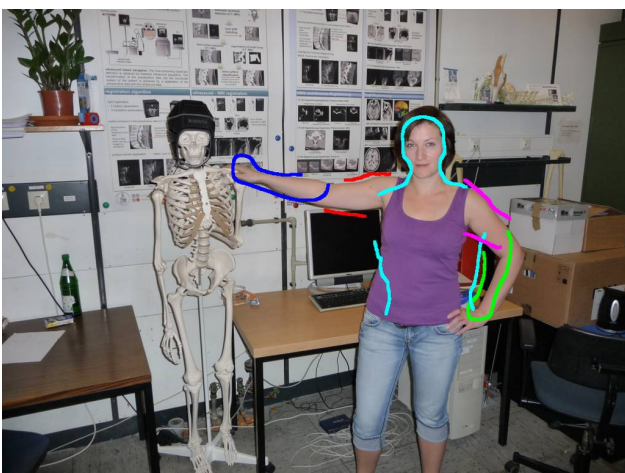*(d)*
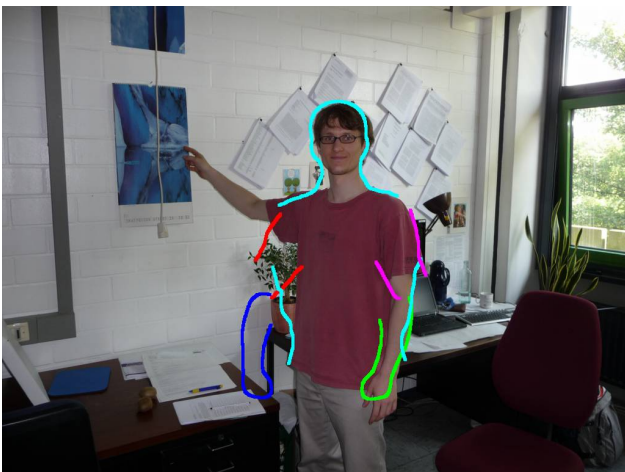
(e)

(f)

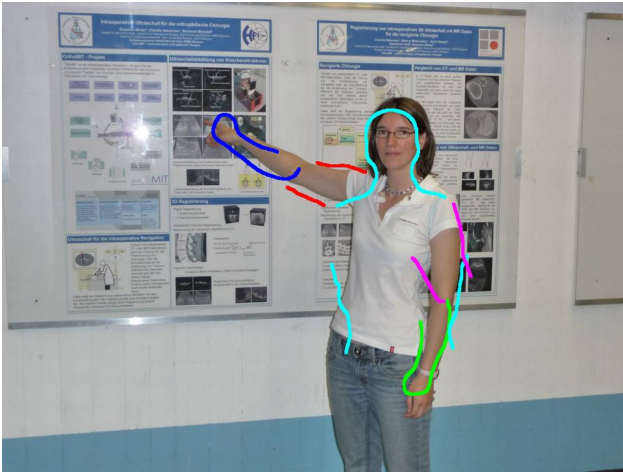**Figure A.12:** Posture estimation results (sheet B)
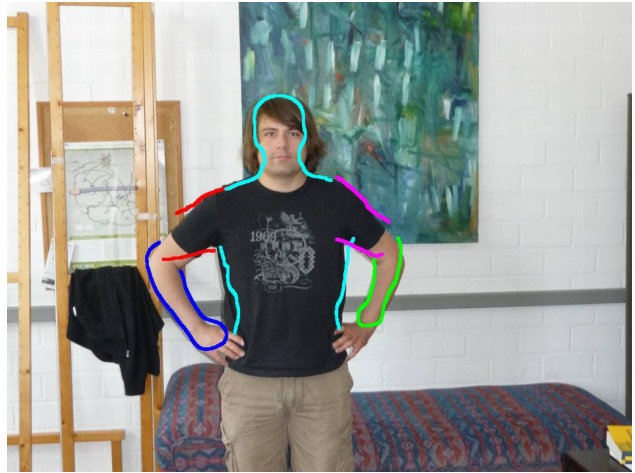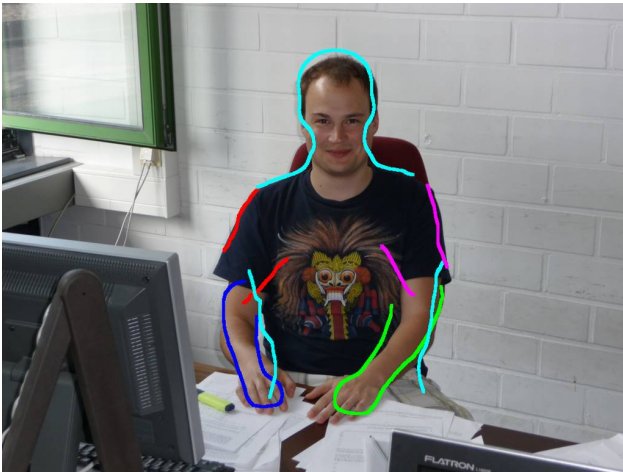
(a)

(b)

(c)
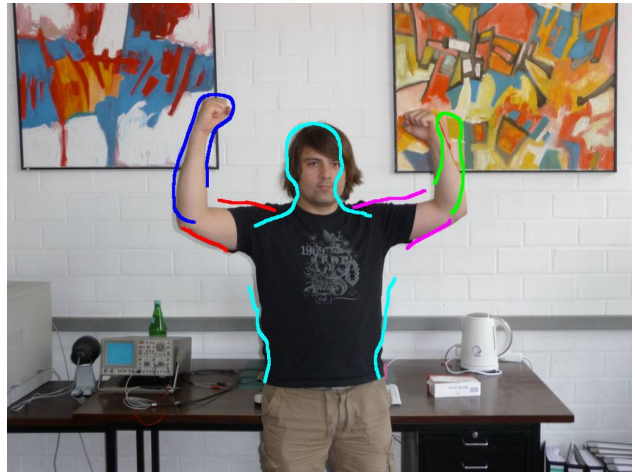
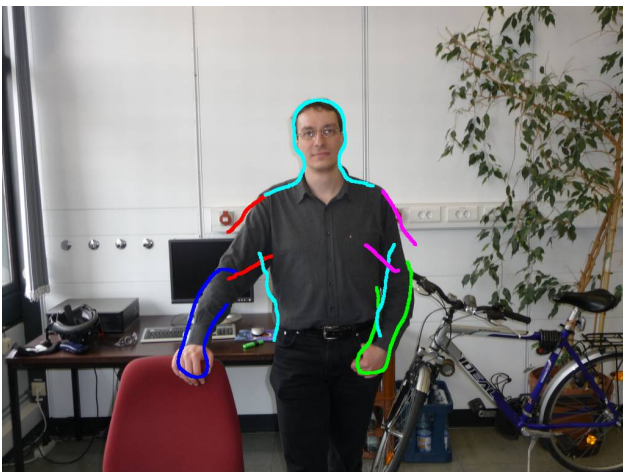*(d)*

(e)

(f)

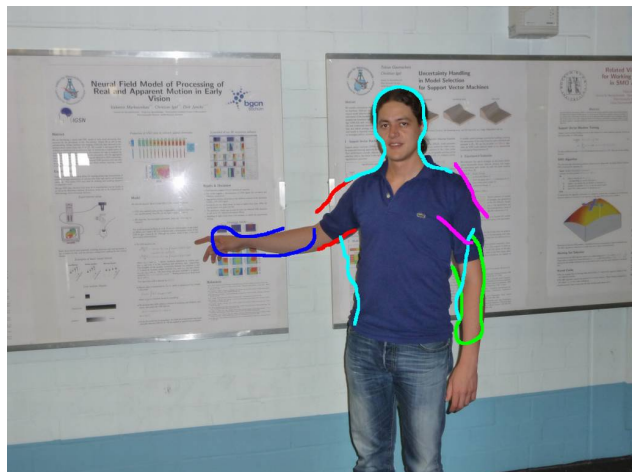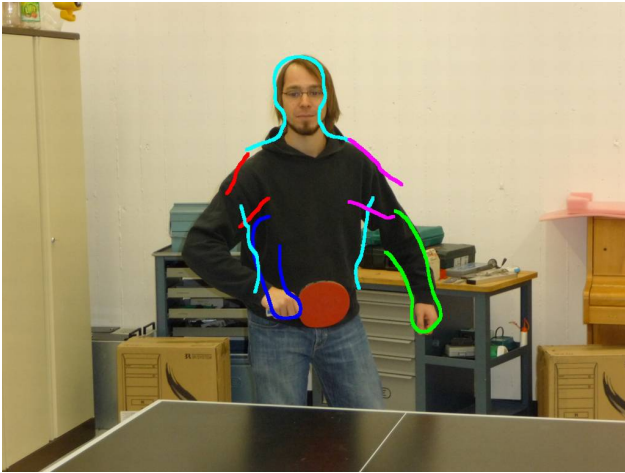**Figure A.13:** Posture estimation results (sheet C)
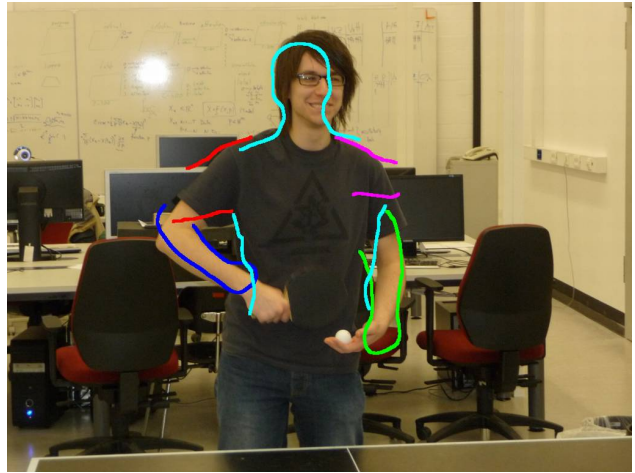
(a)

(b)

(c)
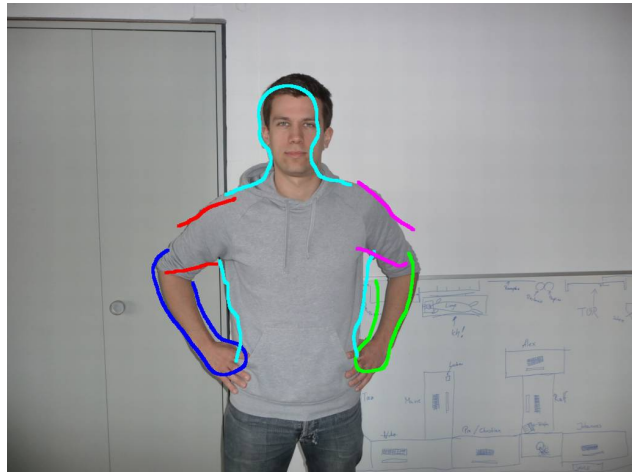
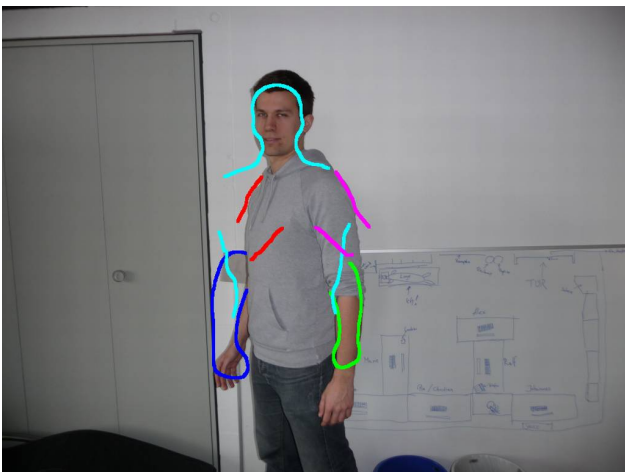*(d)*

(e)

(f)

Figure A.14: Posture estimation results (sheet D)
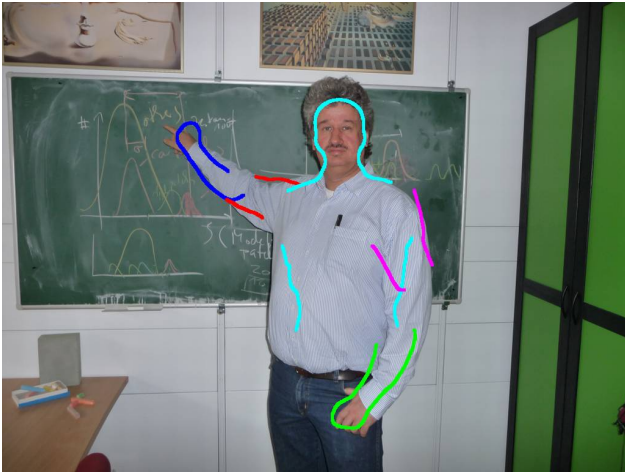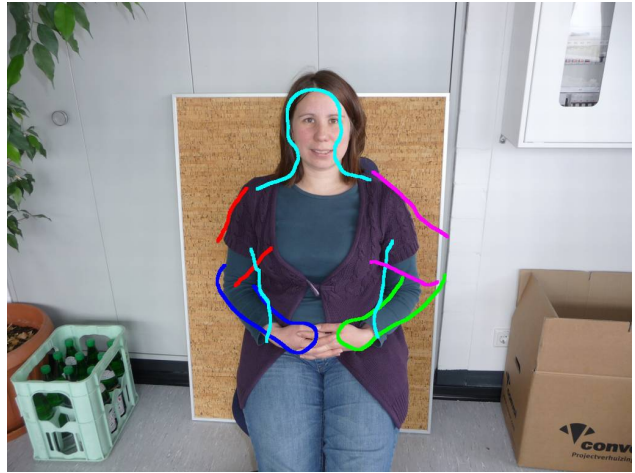
(a)

(b)
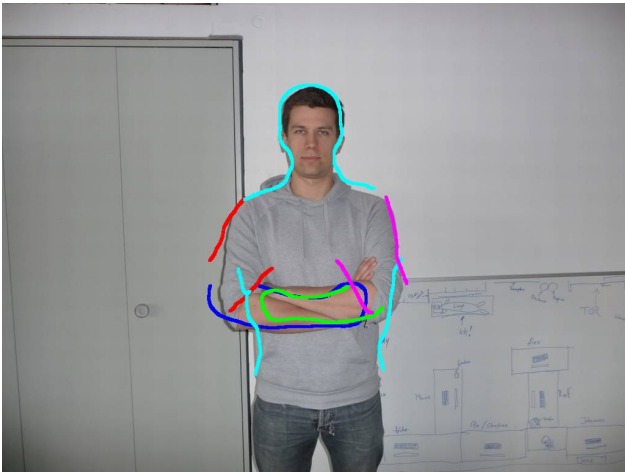
(c)

(d)

(e)

(f)

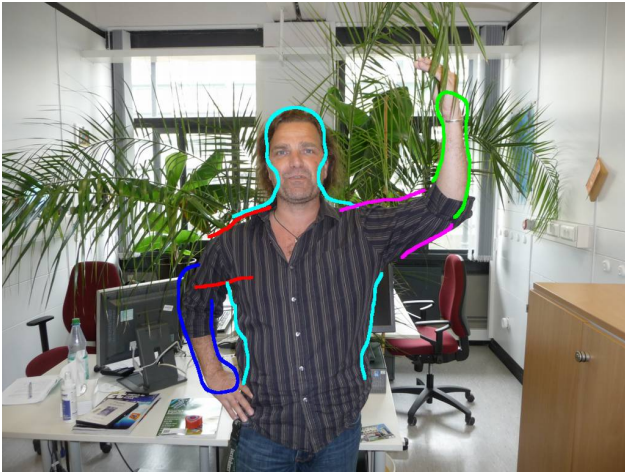***Figure A.15:*** Posture estimation results (sheet E)

(a) *(b)*
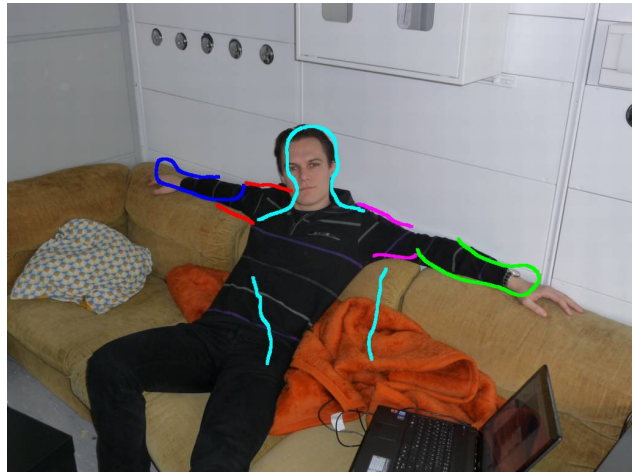
(c) *(d)*
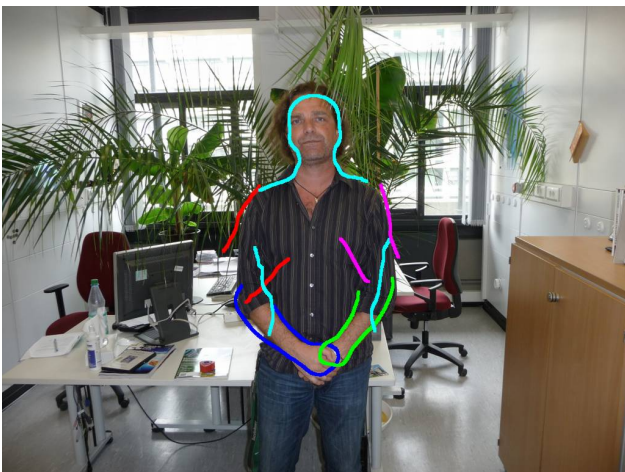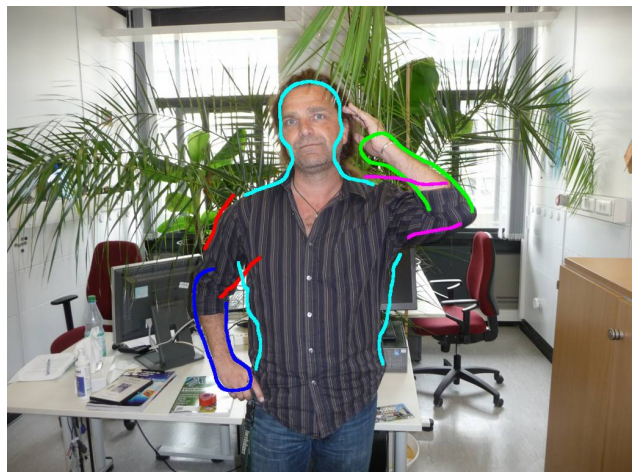
(e) *(f)*

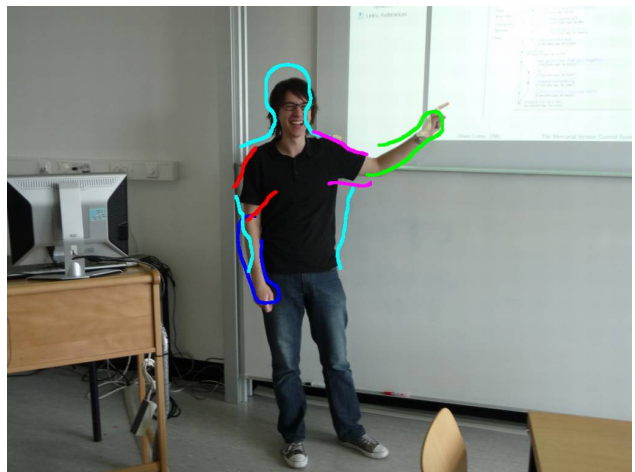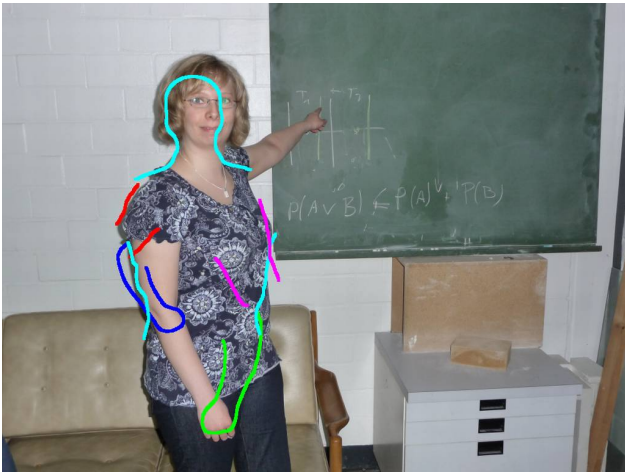***Figure A.16:*** Posture estimation results (sheet F)
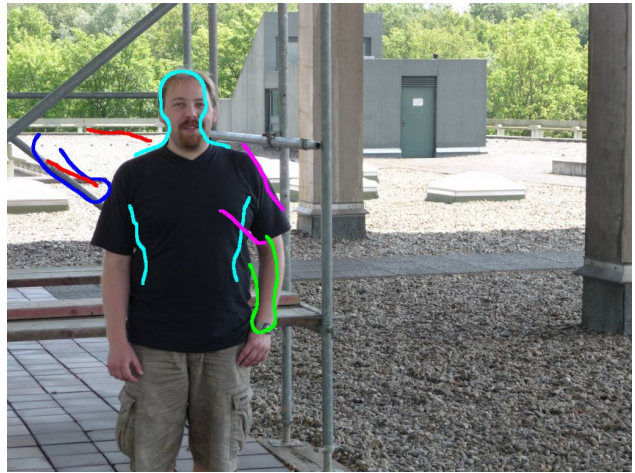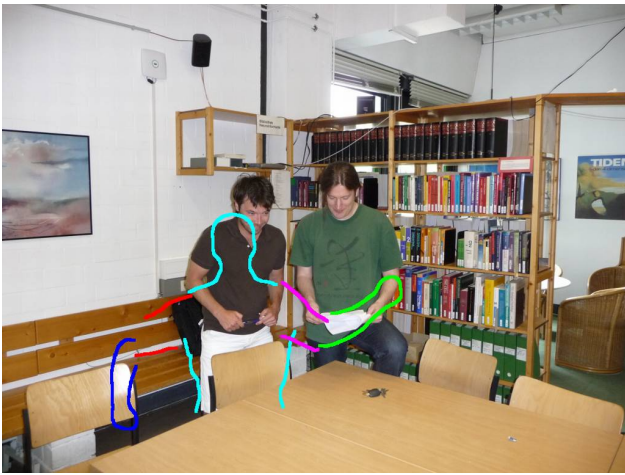
(a)
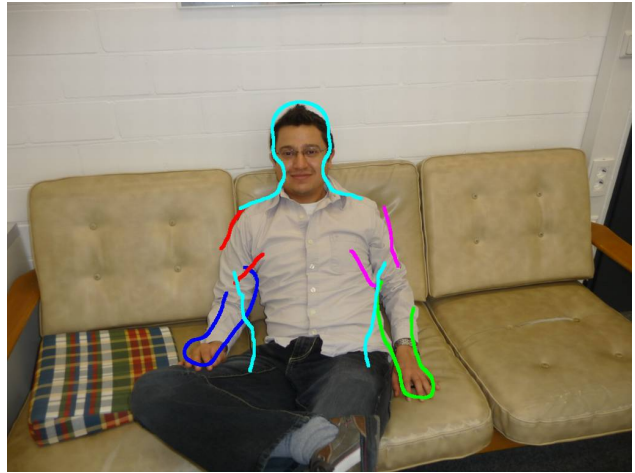
(b)

(c)
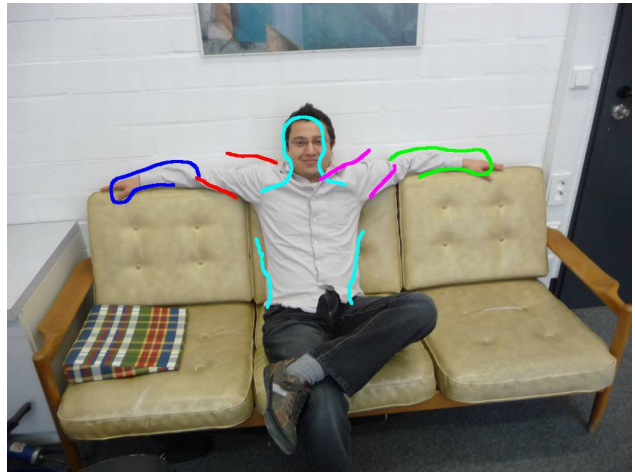
(d)
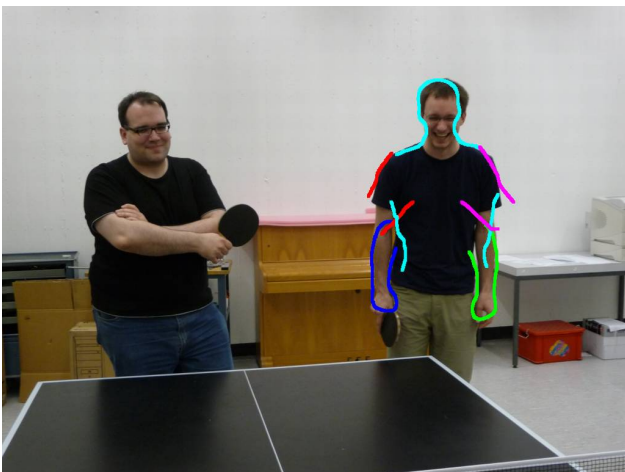
(e)

(f)

Figure A.17: Posture estimation results (sheet G)

(a)

(b)

(c)

(d)

(e)

Figure A.18: Posture estimation results (sheet H)

(a)

(b)

(c)

(d)

(e)

(f)

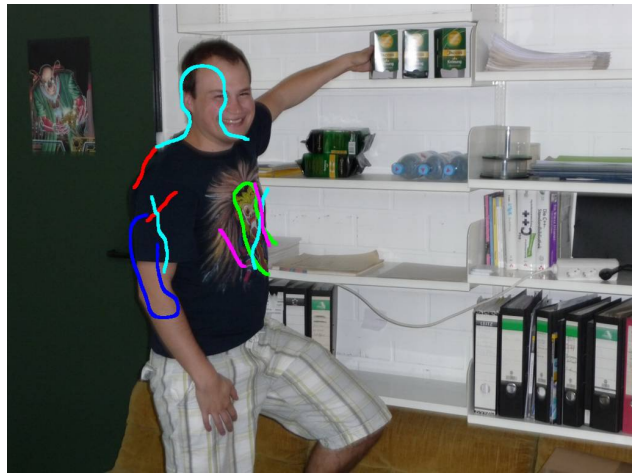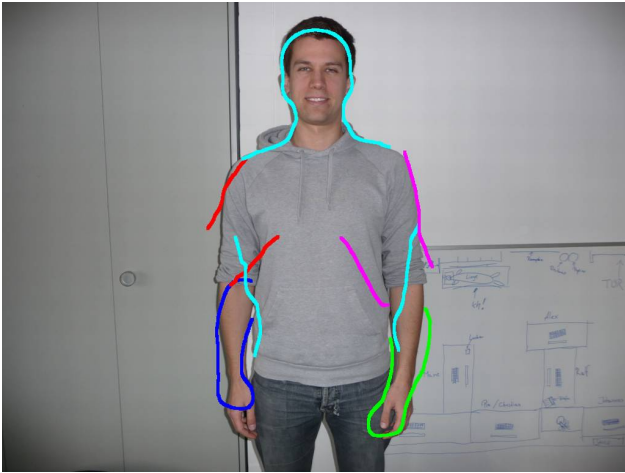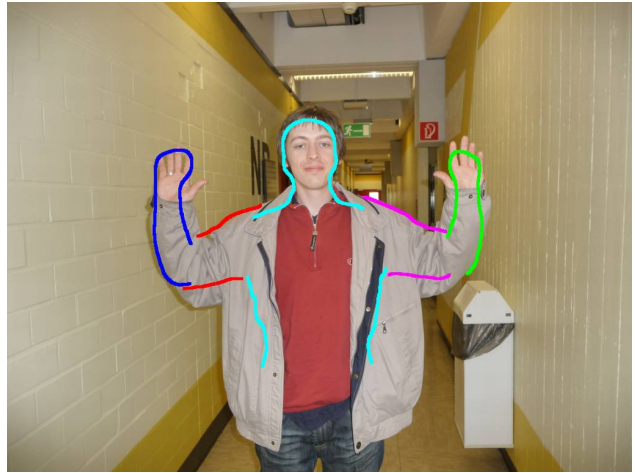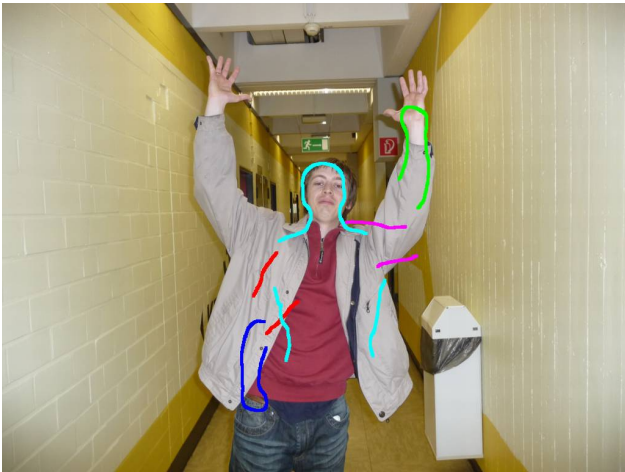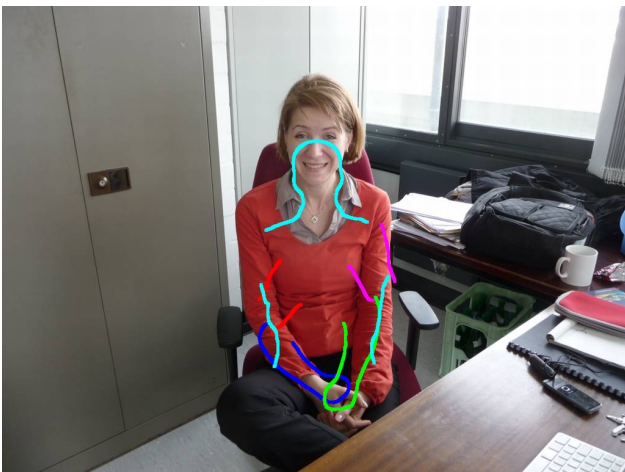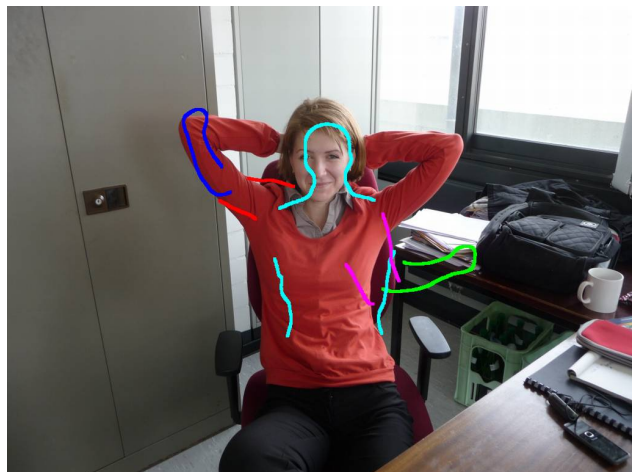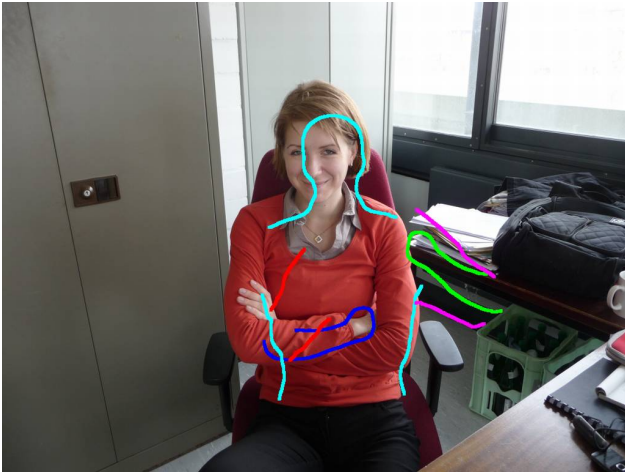**Figure A.19:** Posture estimation results (sheet I)

(a)

(b)

(c)
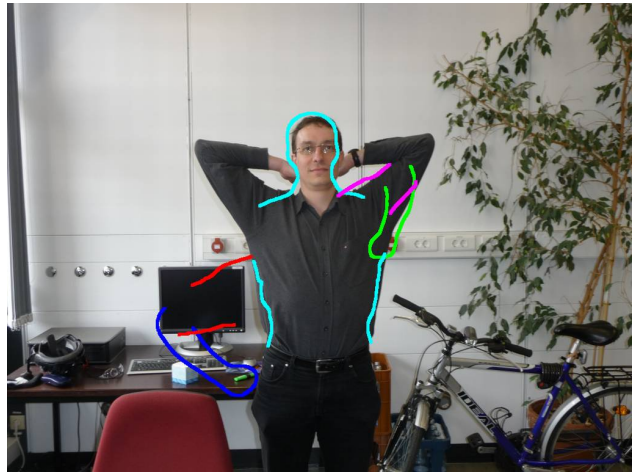
(d)
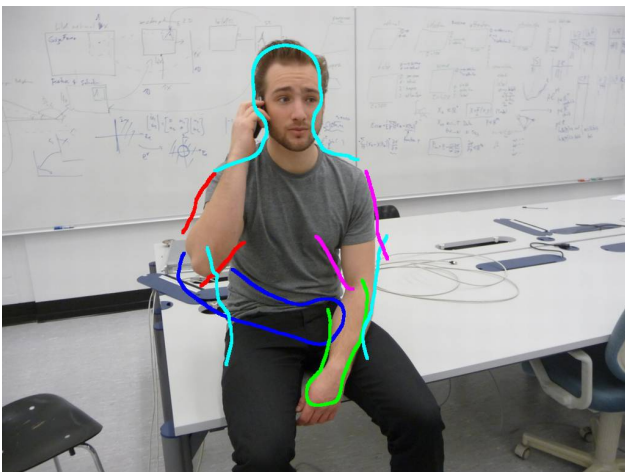
(e)

(f)

Figure A.20: Posture estimation results (sheet J)

(a)

(b)

(c)

(d)

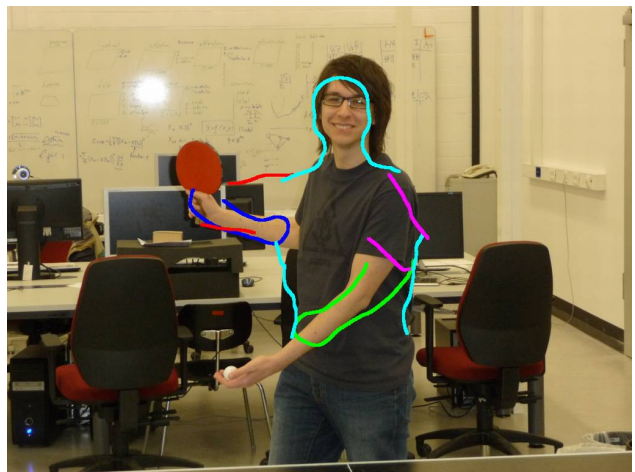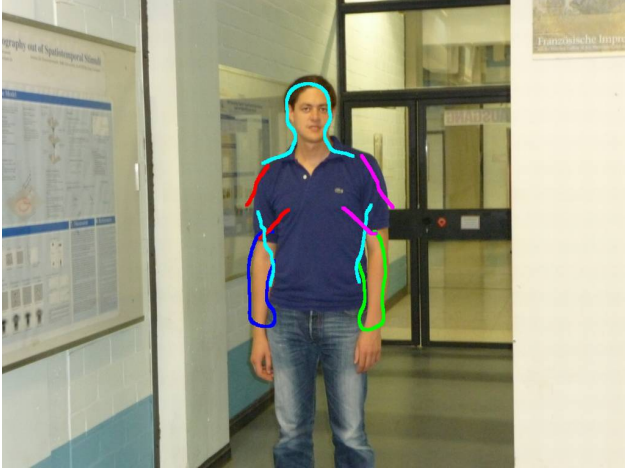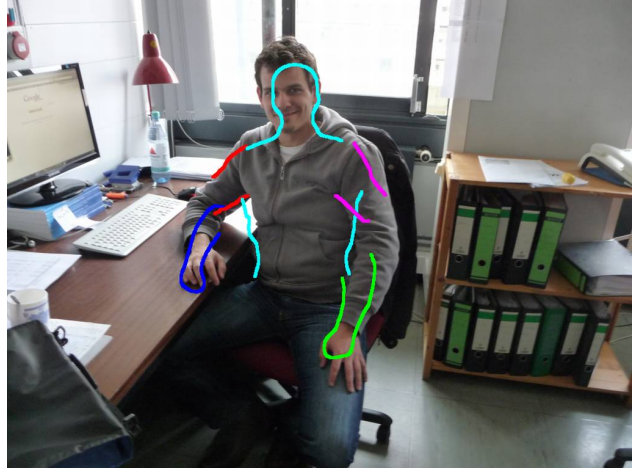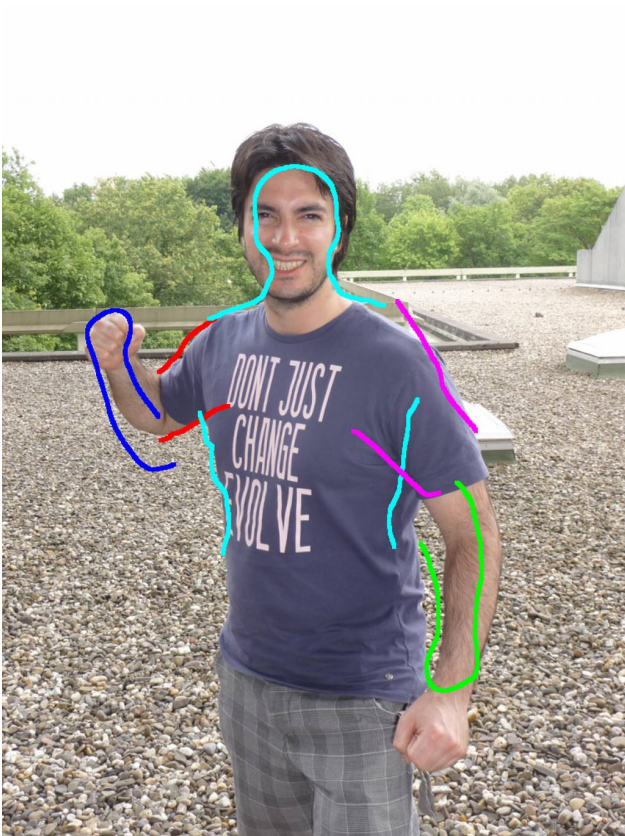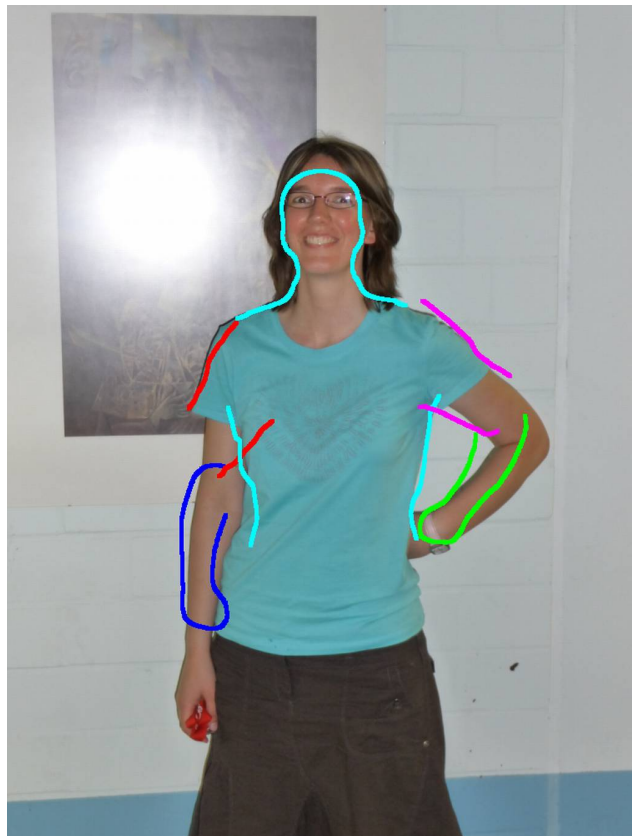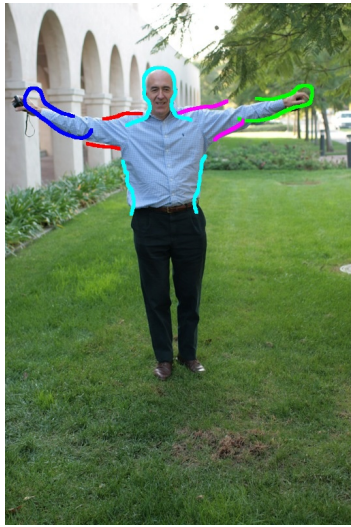***Figure A.21:*** Posture estimation results (sheet K)

(a)   *(b)*   *(c)*

(d)   *(e)*   *(f)*

(g)   *(h)*

Figure A.22: Posture estimation results, 'Perona November 2009 Challenge', by courtesy of Pietro Perona, (sheet A)

(a) *(b)* *(c)*

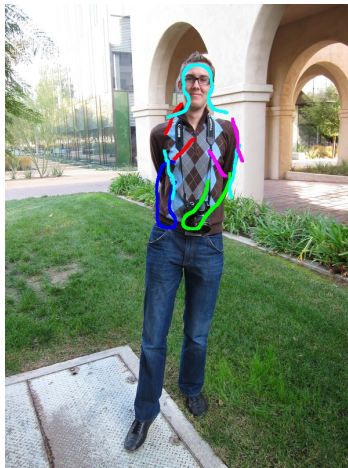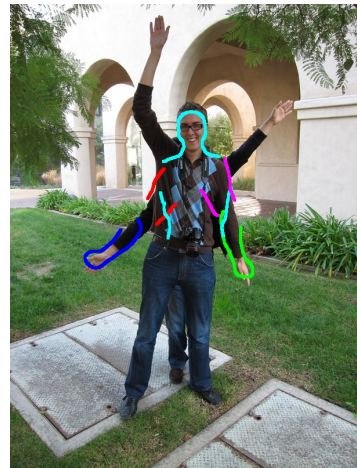*(d)* *(e)* *(f)*

(g) *(h)*
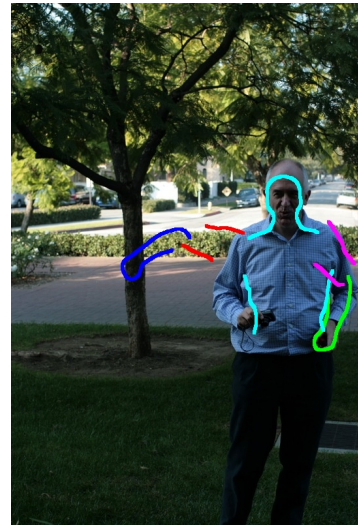
Figure A.23: Posture estimation results, 'Perona November 2009 Challenge', by courtesy of Pietro Perona, (sheet B)
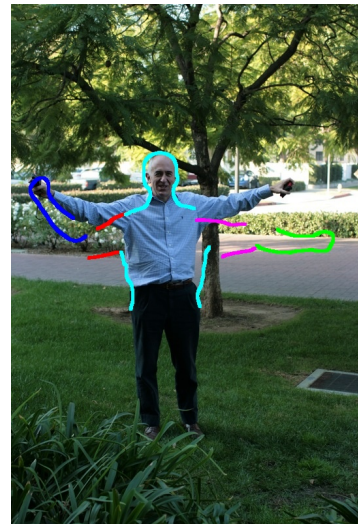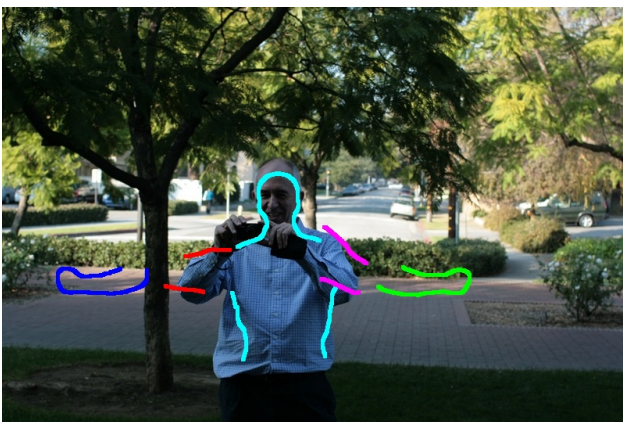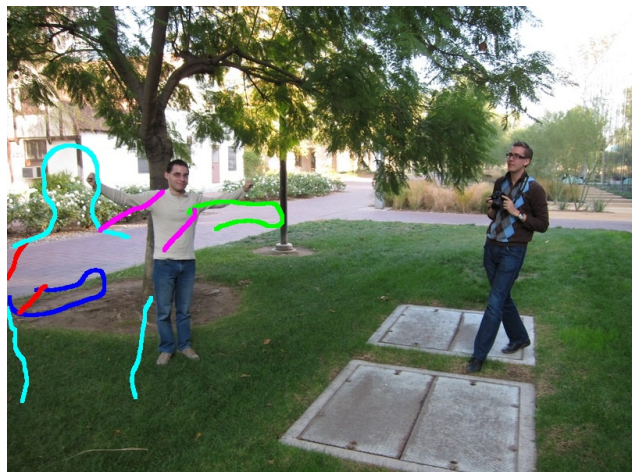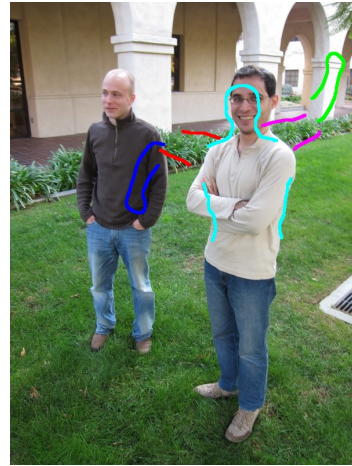
(a)

(b)

(c)

(d)

(e)

(f)

Figure A.24: Posture estimation results, 'Perona November 2009 Challenge', by courtesy of Pietro Perona, (sheet C)

Figure A.25: Posture estimation results, 'Perona November 2009 Challenge', by courtesy of Pietro Perona, (sheet D)