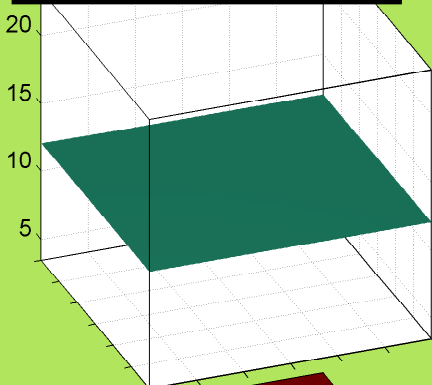
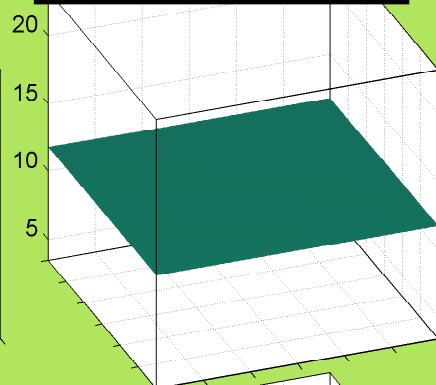


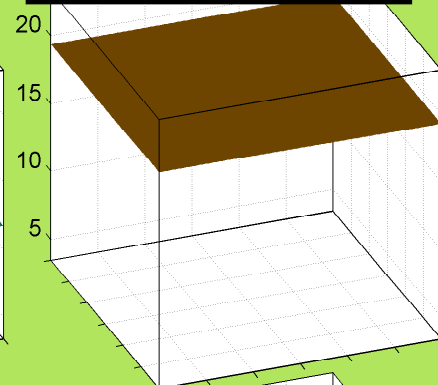
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^+, g^+ \rangle)$, 0.01%



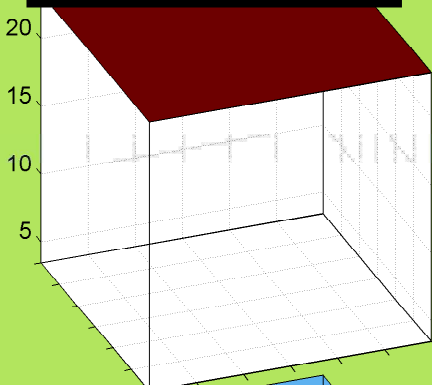
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^+, t \rangle)$, 0.01%



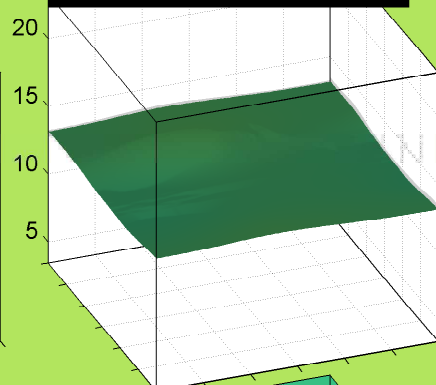
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^+, g^- \rangle)$, 0.01%



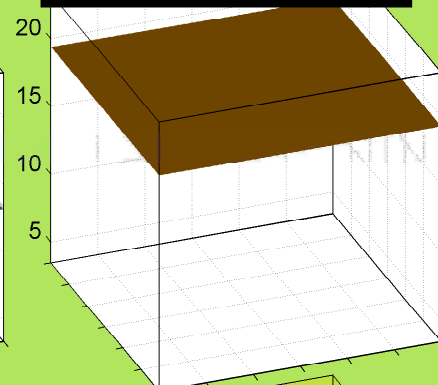
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, t, g^+ \rangle)$, 0.03%



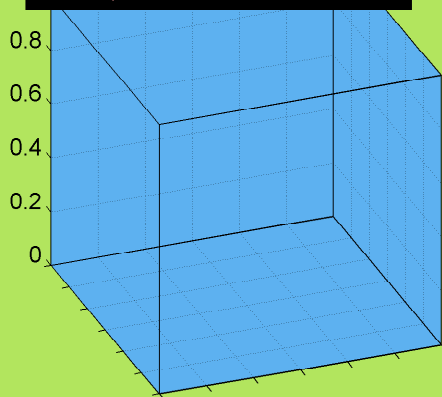
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, t, t \rangle)$, 0.08%



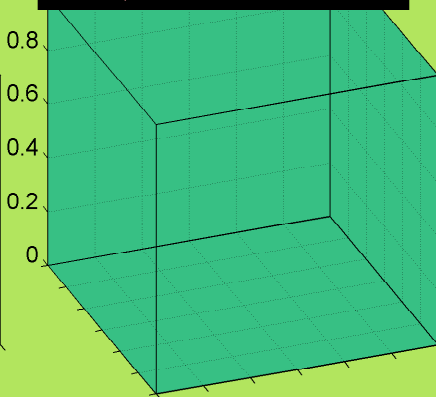
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, t, g^- \rangle)$, 0.01%



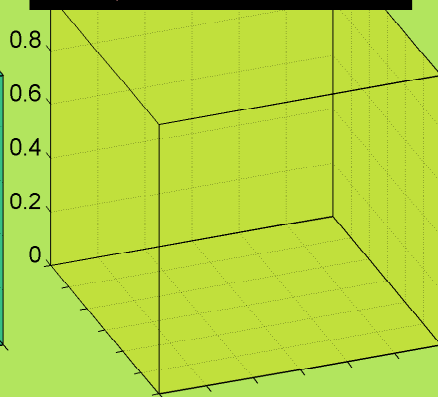
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^-, g^+ \rangle)$, 0.00%



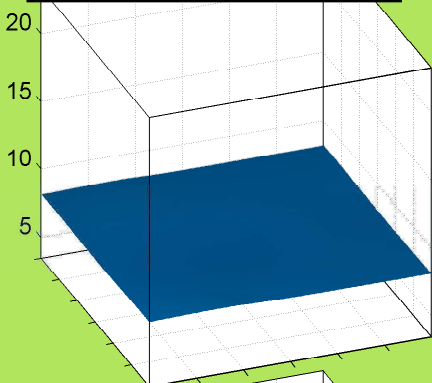
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^-, t \rangle)$, 0.00%



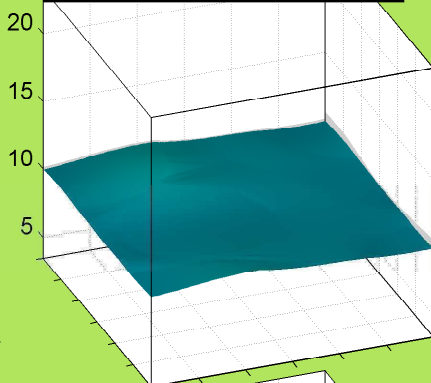
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, g^+, g^-, g^- \rangle)$, 0.00%



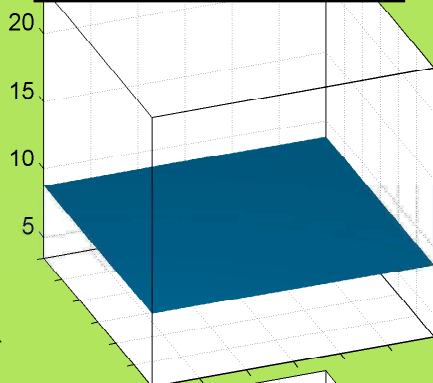
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^+, g^+ \rangle)$, 0.26%



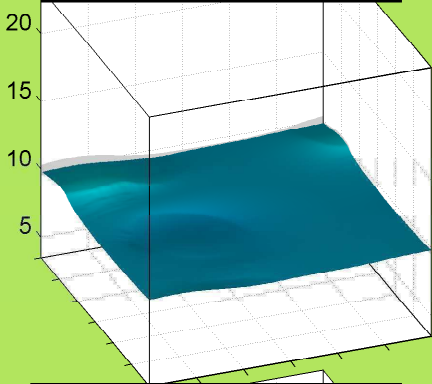
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^+, t \rangle)$, 0.48%



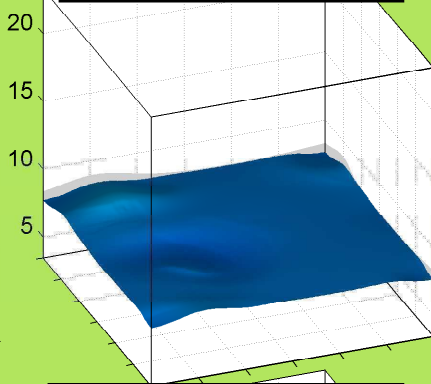
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^+, g^- \rangle)$, 0.04%



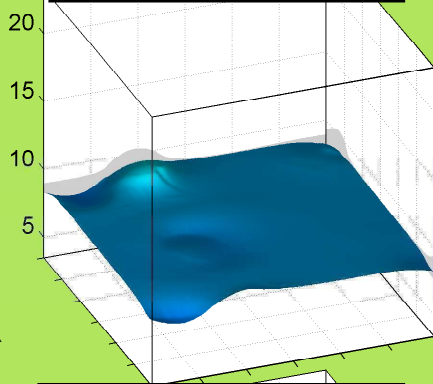
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, t, g^+ \rangle)$, 0.78%



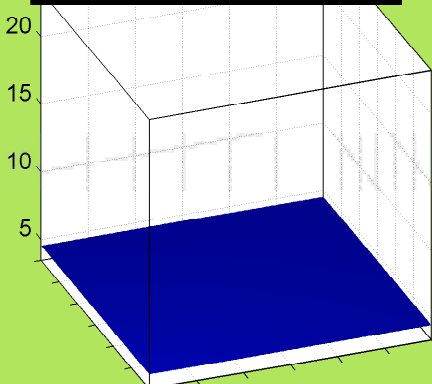
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, t, t \rangle)$, 3.39%



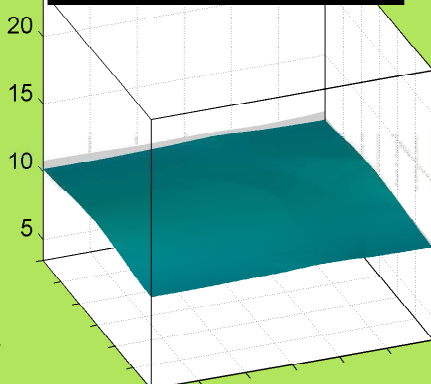
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, t, g^- \rangle)$, 0.79%



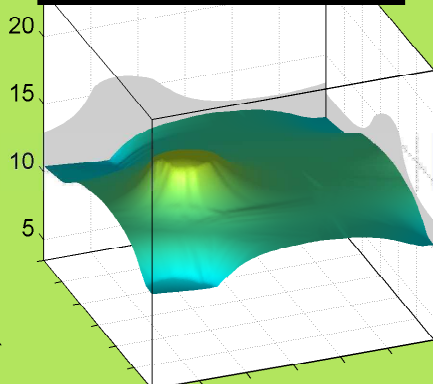
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^-, g^+ \rangle)$, 0.02%



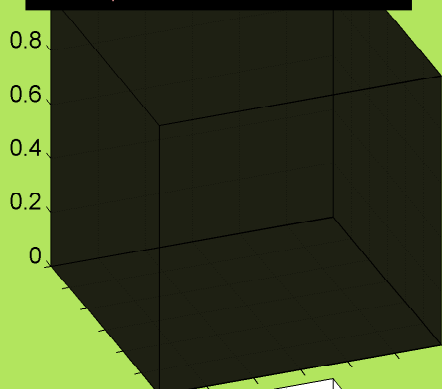
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^-, t \rangle)$, 0.62%



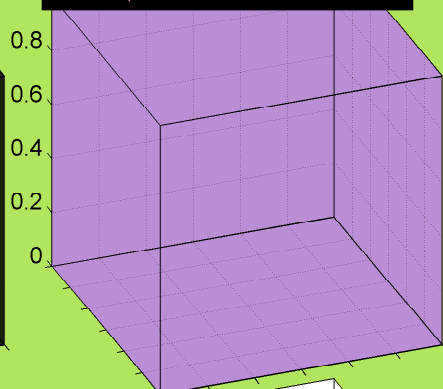
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^+, t, g^-, g^- \rangle)$, 0.23%



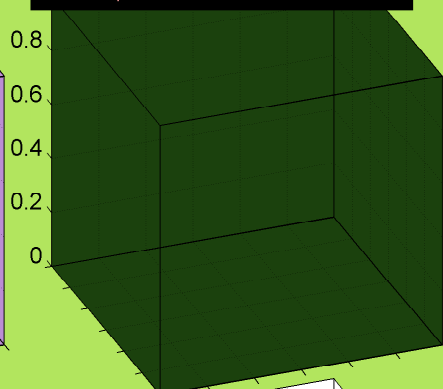
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^+, g^+ \rangle)$, 0.00%



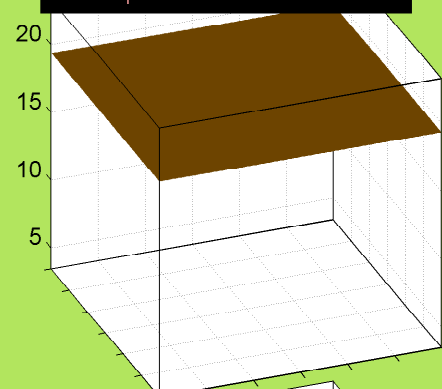
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^+, t \rangle)$, 0.00%



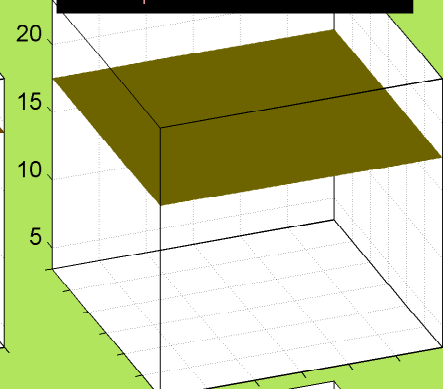
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^+, g^- \rangle)$, 0.00%



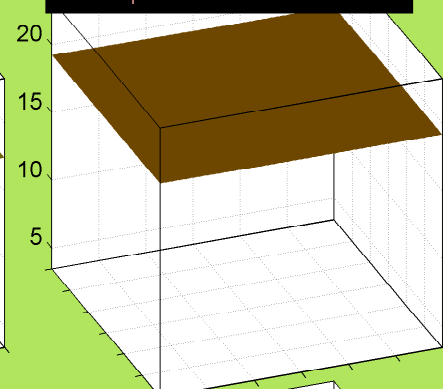
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, t, g^+ \rangle)$, 0.01%



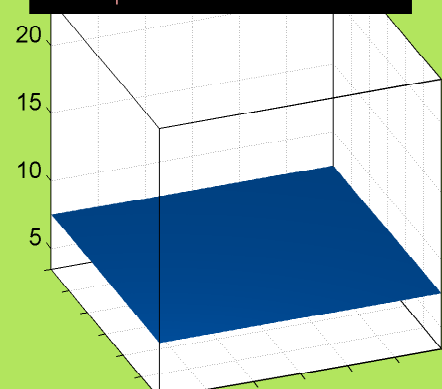
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, t, t \rangle)$, 0.04%



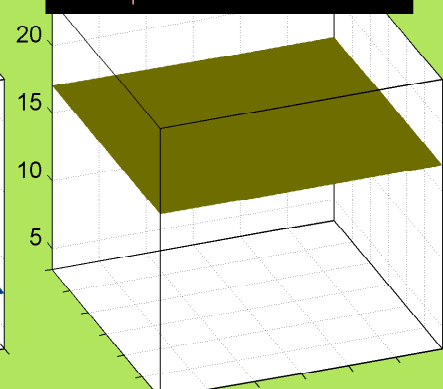
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, t, g^- \rangle)$, 0.02%



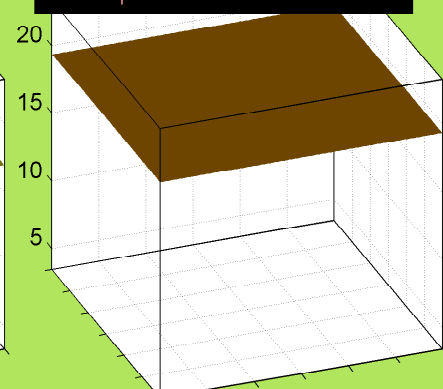
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^-, g^+ \rangle)$, 0.01%



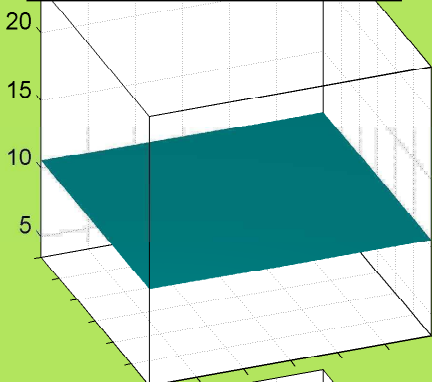
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^-, t \rangle)$, 0.02%



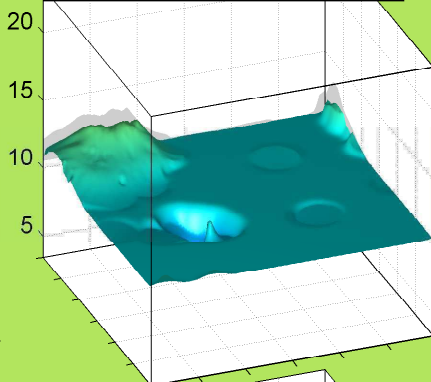
LYS: $\sigma\chi_{-1}(\phi, \psi|r=\langle g^+, g^-, g^-, g^- \rangle)$, 0.00%



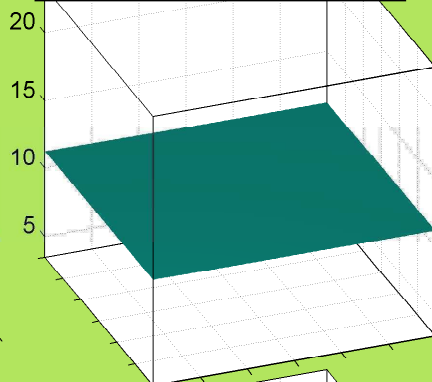
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^+, g^+ \rangle)$, 0.14%



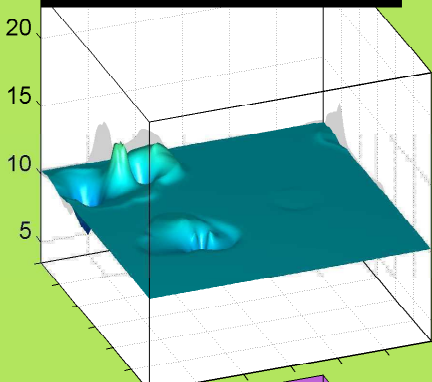
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^+, t \rangle)$, 0.63%



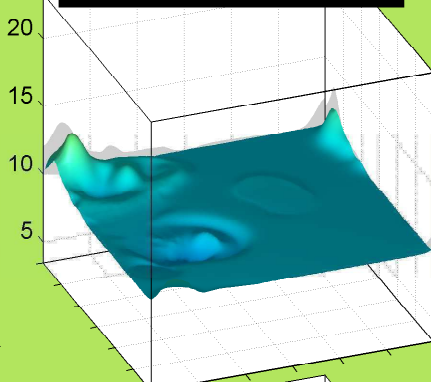
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^+, g^- \rangle)$, 0.04%



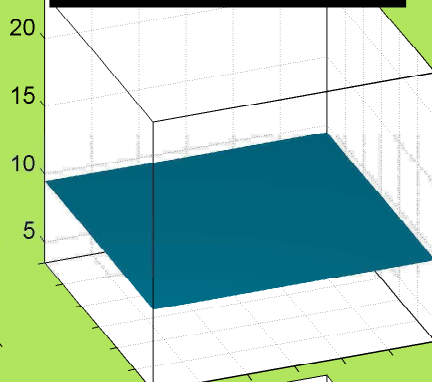
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, t, g^+ \rangle)$, 1.09%



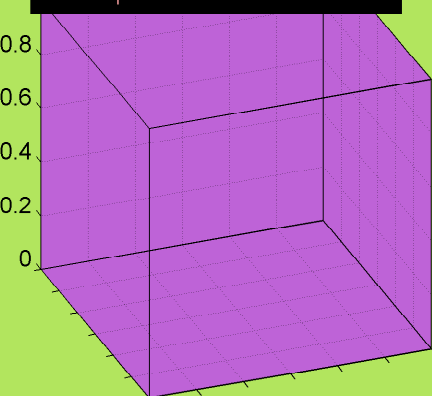
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, t, t \rangle)$, 2.96%



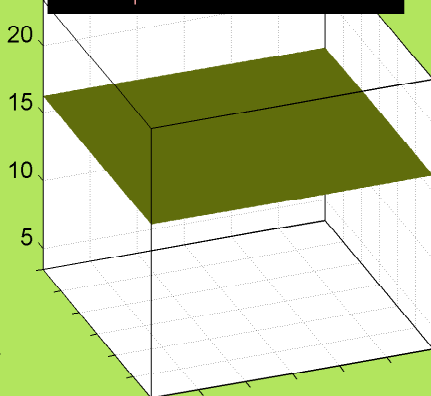
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, t, g^- \rangle)$, 0.78%



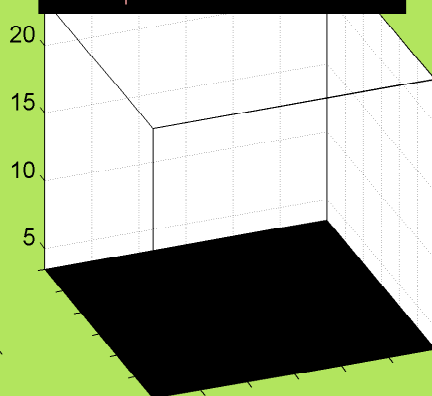
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^-, g^+ \rangle)$, 0.00%



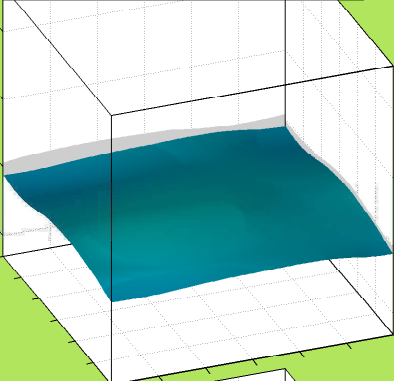
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^-, t \rangle)$, 0.08%



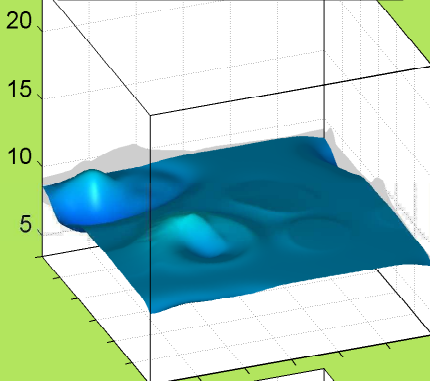
LYS: $\sigma_{\chi_1}(\phi, \psi|r=\langle t, g^+, g^-, g^- \rangle)$, 0.02%



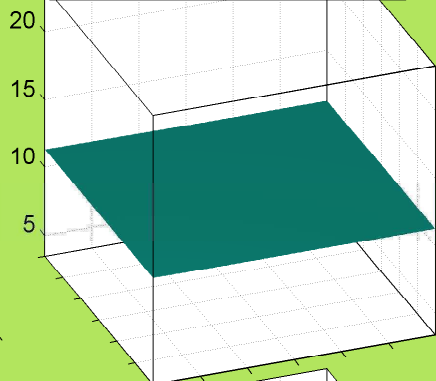
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^+, g^+ \rangle)$, 0.77%



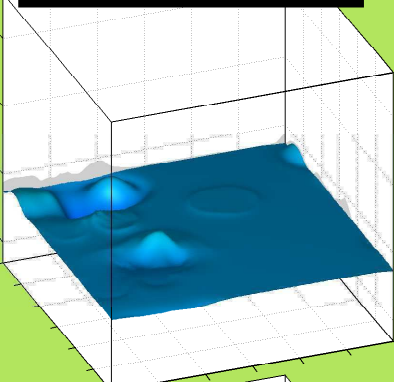
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^+, t \rangle)$, 2.64%



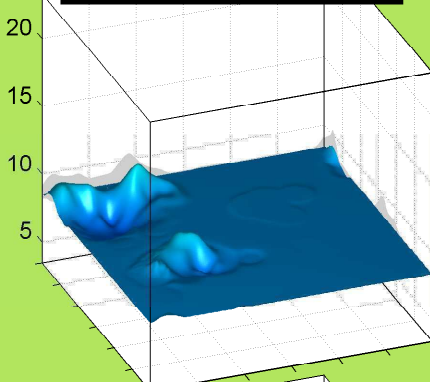
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^+, g^- \rangle)$, 0.17%



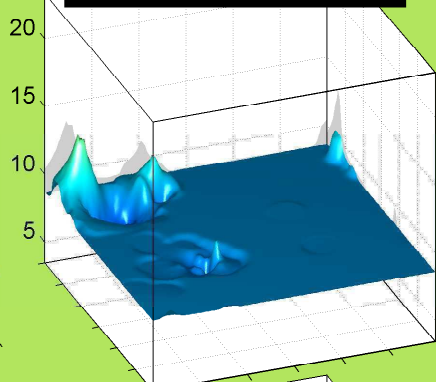
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, t, g^+ \rangle)$, 4.06%



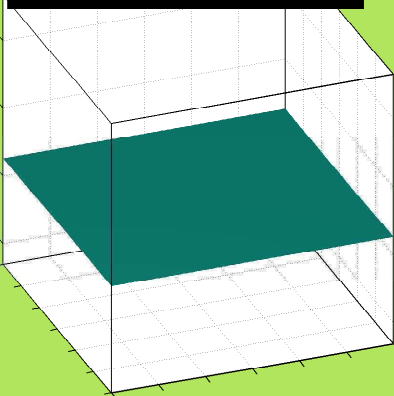
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, t, t \rangle)$, 13.46%



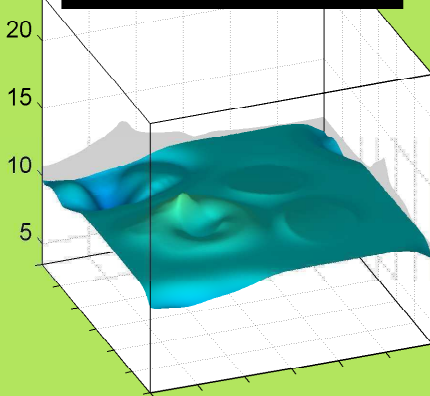
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, t, g^- \rangle)$, 3.70%



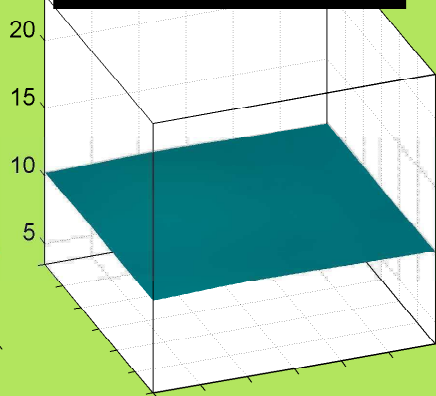
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^-, g^+ \rangle)$, 0.13%



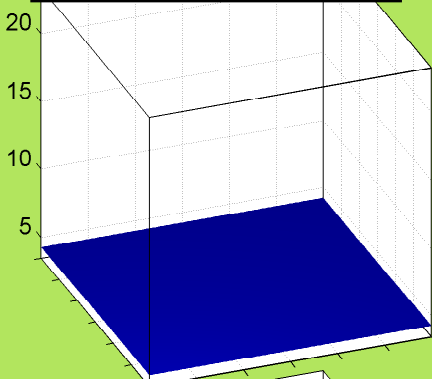
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^-, t \rangle)$, 2.42%



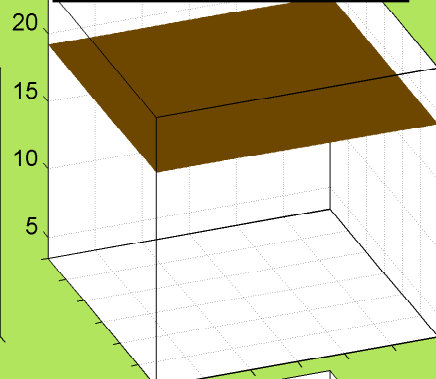
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, t, g^-, g^- \rangle)$, 0.69%



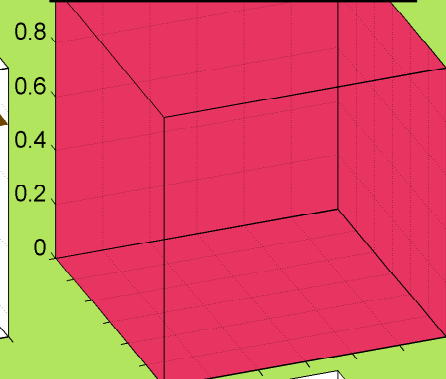
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^+, g^+ \rangle)$, 0.01%



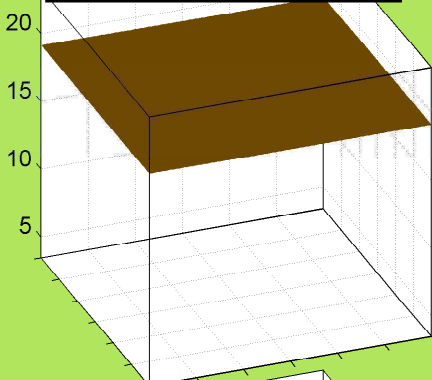
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^+, t \rangle)$, 0.00%



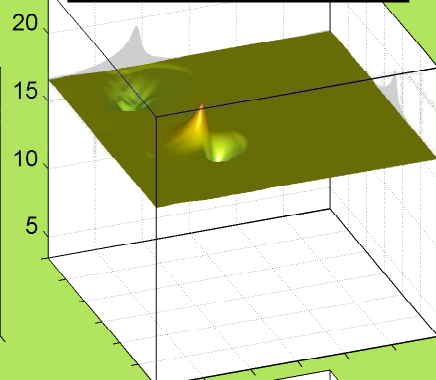
1 LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^+, g^- \rangle)$, 0.00%



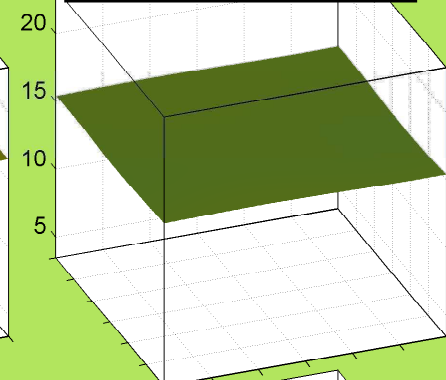
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, t, g^+ \rangle)$, 0.06%



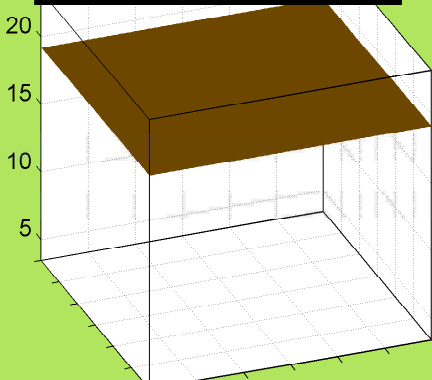
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, t, t \rangle)$, 0.28%



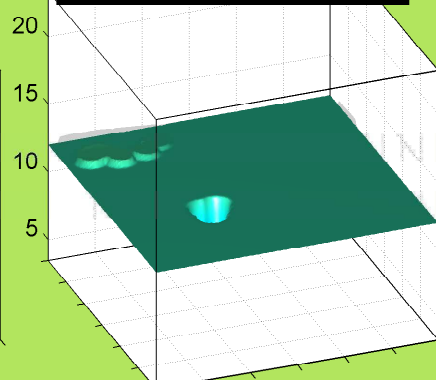
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, t, g^- \rangle)$, 0.10%



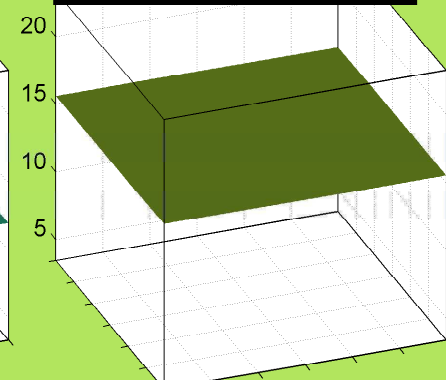
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^-, g^+ \rangle)$, 0.00%



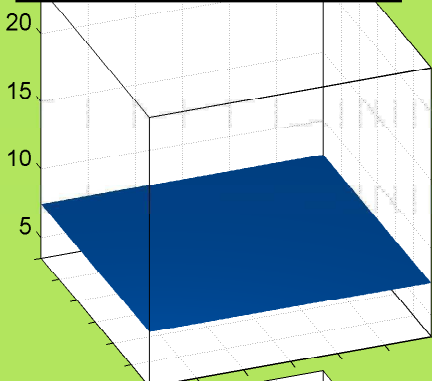
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^-, t \rangle)$, 0.10%



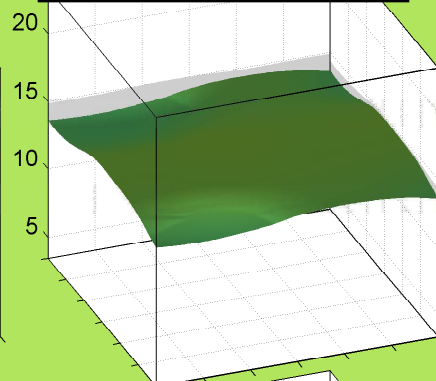
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle t, g^-, g^-, g^- \rangle)$, 0.03%



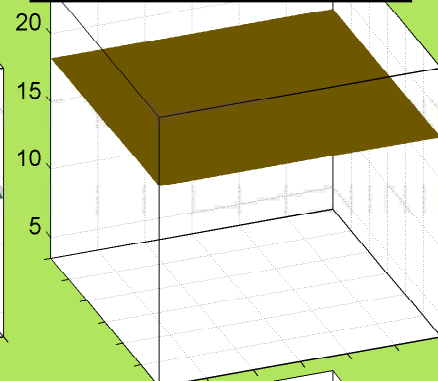
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^+, g^+ \rangle)$, 0.02%



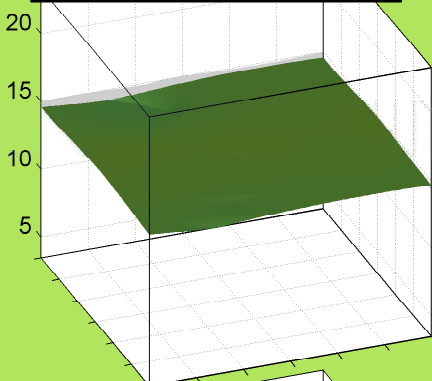
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^+, t \rangle)$, 0.11%



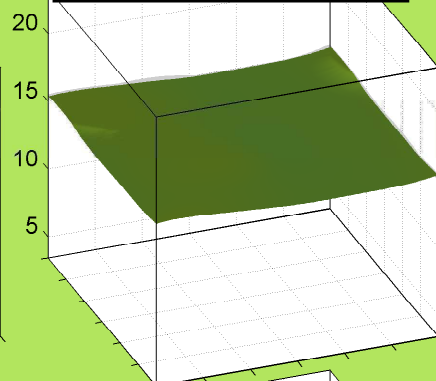
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^+, g^- \rangle)$, 0.01%



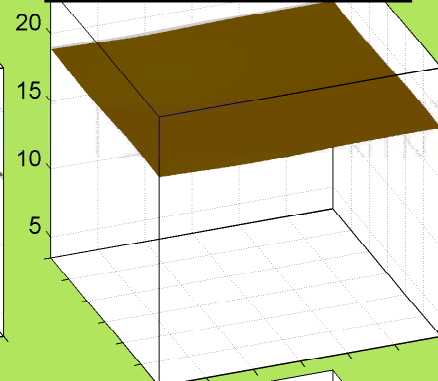
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, t, g^+ \rangle)$, 0.14%



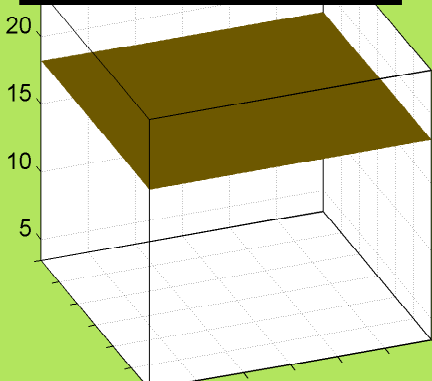
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, t, t \rangle)$, 0.39%



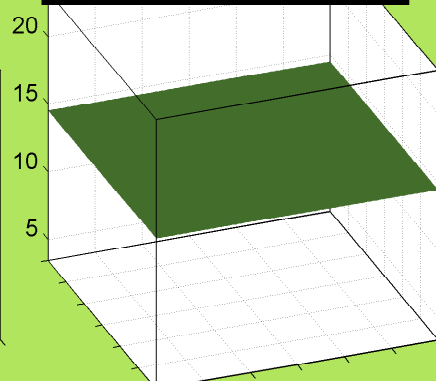
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, t, g^- \rangle)$, 0.10%



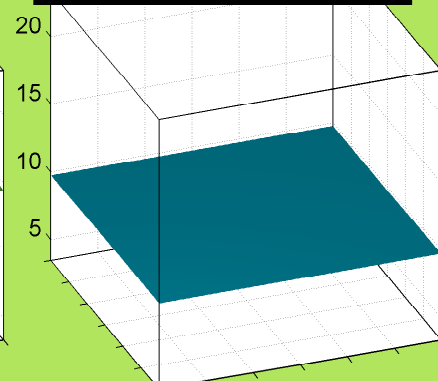
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^-, g^+ \rangle)$, 0.01%



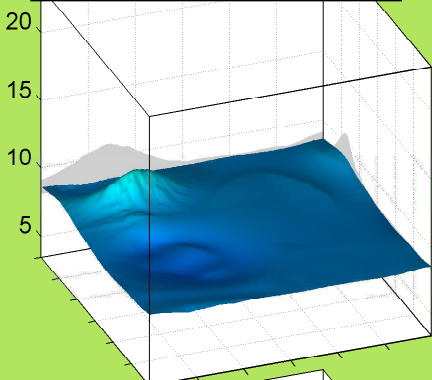
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^-, t \rangle)$, 0.03%



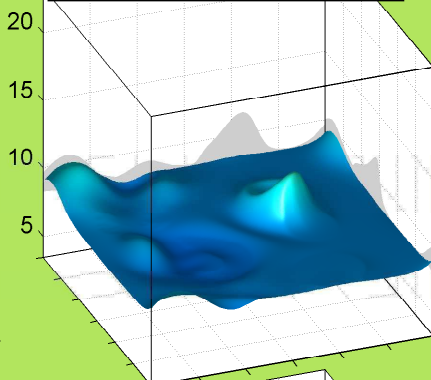
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^+, g^-, g^- \rangle)$, 0.01%



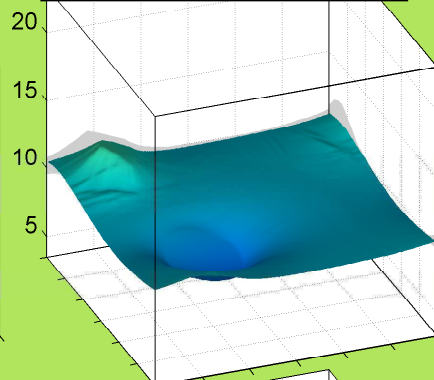
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^+, g^+ \rangle)$, 1.29%



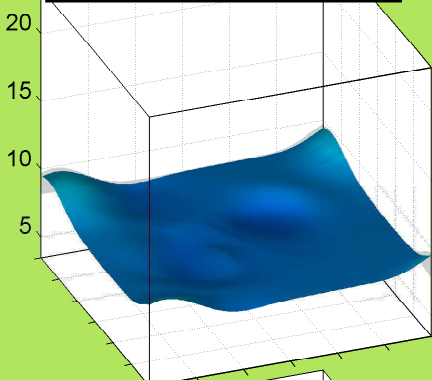
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^+, t \rangle)$, 4.10%



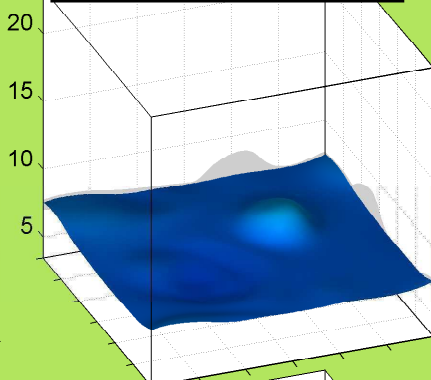
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^+, g^- \rangle)$, 0.22%



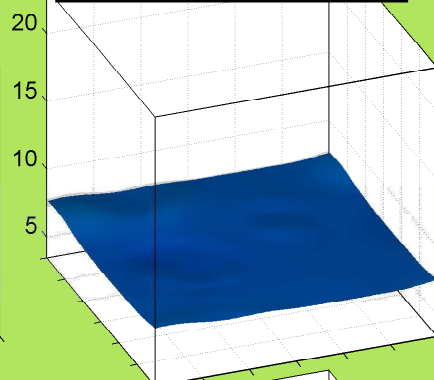
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, t, g^+ \rangle)$, 4.77%



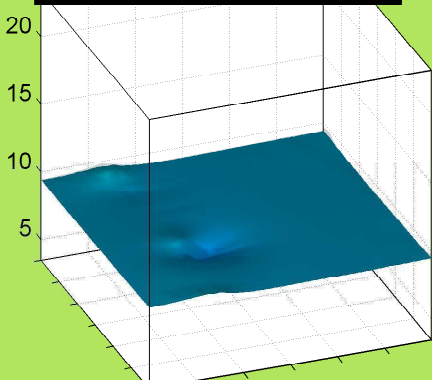
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, t, t \rangle)$, 22.43%



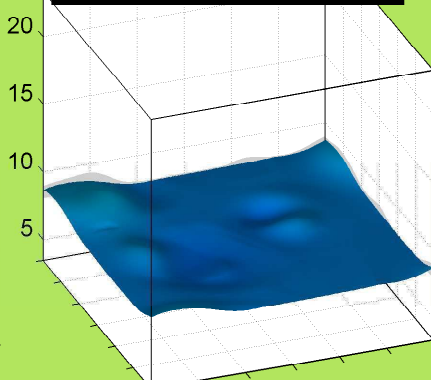
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, t, g^- \rangle)$, 5.96%



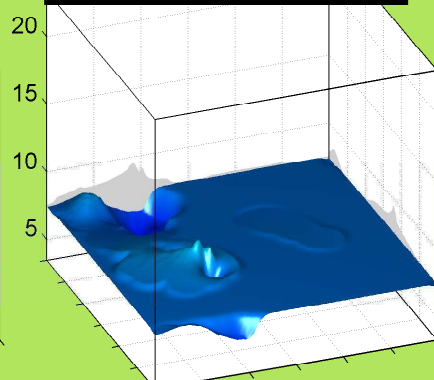
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^-, g^+ \rangle)$, 0.20%



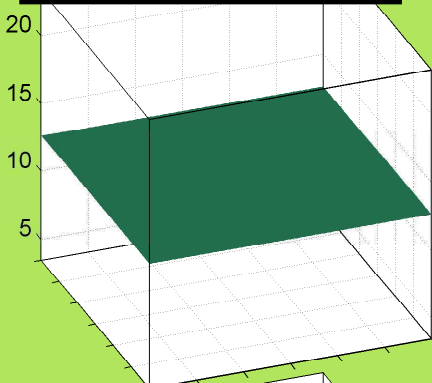
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^-, t \rangle)$, 3.90%



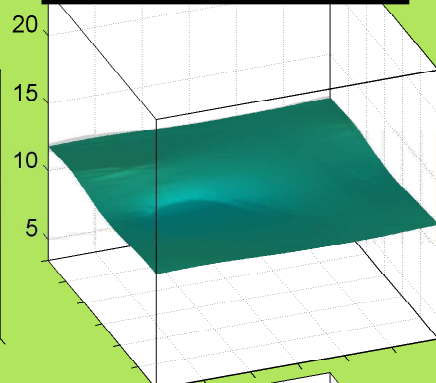
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, t, g^-, g^- \rangle)$, 1.29%



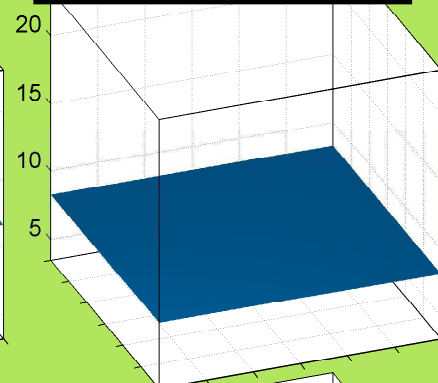
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^+, g^+ \rangle)$, 0.03%



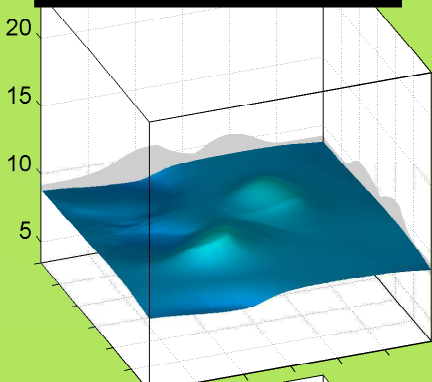
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^+, t \rangle)$, 0.19%



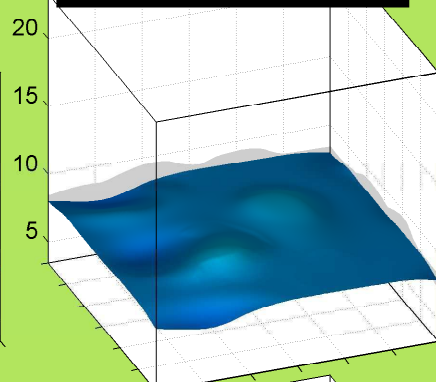
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^+, g^- \rangle)$, 0.01%



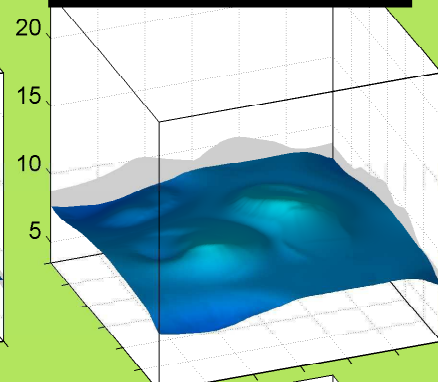
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, t, g^+ \rangle)$, 1.72%



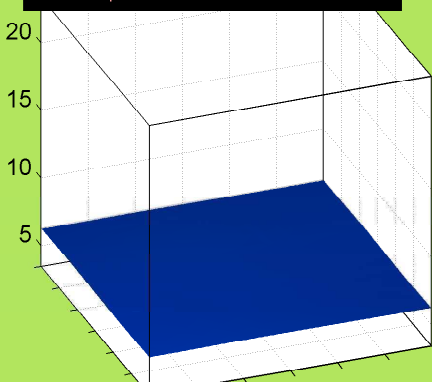
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, t, t \rangle)$, 7.64%



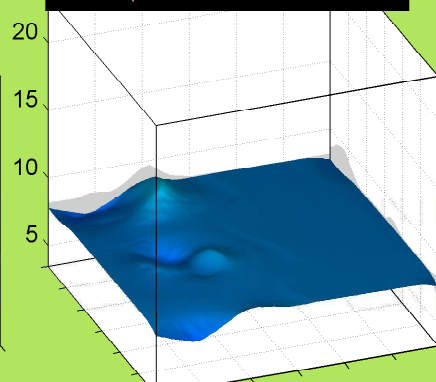
LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, t, g^- \rangle)$, 2.24%



LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^-, g^+ \rangle)$, 0.07%



LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^-, t \rangle)$, 1.60%



LYS: $\sigma_{\chi_1}(\phi, \psi | r = \langle g^-, g^-, g^-, g^- \rangle)$, 0.30%

