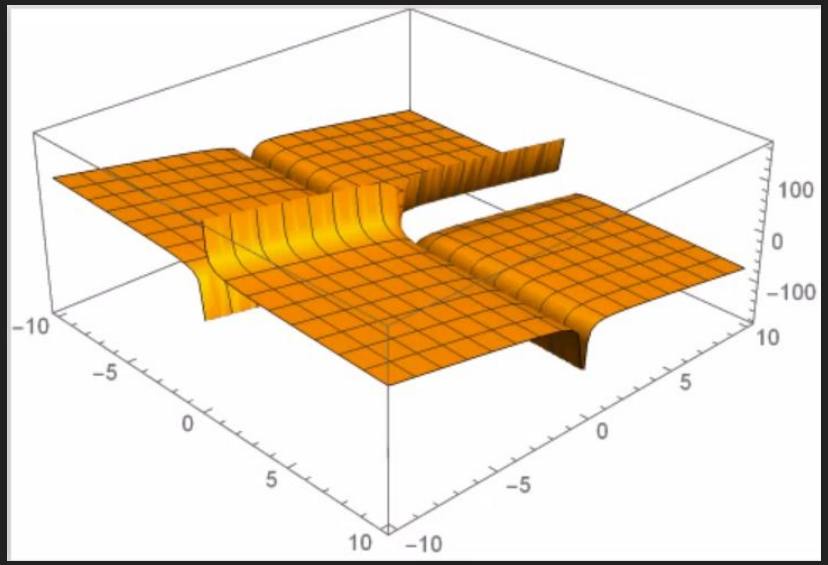
Interference (Q^2 vs. t)



$$\mathcal{I} = \frac{1}{Q^2|t|}\, A_{UU}^{\mathcal{I}}\,(F_1 \mathcal{R}e\mathcal{H} + \tau F_2 \mathcal{R}e\mathcal{E}) + B_{UU}^{\mathcal{I}}\, G_M\,(\mathcal{R}e\mathcal{H} + \mathcal{R}e\mathcal{E}) + C_{UU}^{\mathcal{I}}\, G_M \mathcal{R}e\widetilde{\mathcal{H}}$$

Interference term is where the CFFs fit parameters appear on the cross section (F) function.

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Liuti's Formulation
Interference coefficients

Interference Coefficients

$$A_{UU}^{\mathcal{I}} = \frac{1}{(kq')(k'q')}\Big\{(Q^2+t)\Big[(k'P)(kq')_T - 2(k'P)(kk)_T - 2(k'P)(kq') + 2(kP)(k'q') - 2(kP)(kk')_T - (kP)(k'q')_T + (k'q')(kP)_T + (kq')(k'P)_T - 2(kk')(kP)_T\Big] - (Q^2 - t + 4(k\Delta))\Big[+2(Pq')(kk') - (Pq')(k'q')_T - (Pq')(kk')_T + 2(kk')(Pq')_T - (k'q')(kP)_T - (kq')(k'P)_T\Big]\Big\}$$

$$B_{UU}^{\mathcal{I}} = \frac{\xi}{2(kq')(k'q')}\Big\{(Q^2+t)\Big[+(k'\Delta)(kq')_T - 2(k'\Delta)(kk)_T - 2(k'\Delta)(kq') + 2(k\Delta)(k'q') - 2(k\Delta)(kk')_T - (k\Delta)(k'q')_T + (k'q')(k\Delta)_T + (kq')(k'\Delta)_T - 2(kk')(k\Delta)_T\Big] - (Q^2 - t + 4(k\Delta))\Big[2(q'\Delta)(kk') - (q'\Delta)(k'q')_T - (q'\Delta)(kk')_T + 2\,(kk')(q'\Delta)_T - (k'q')(k\Delta)_T - (kq')(k'\Delta)_T\Big]\Big\}$$

$$C_{UU}^{\mathcal{I}} = \frac{1}{2(kq')(k'q')}\Big\{(Q^2+t)\Big[2(kk')(k\Delta)_T - (k'q')(k\Delta)_T - (kq')(k'\Delta)_T + 4\xi(kk')(kP)_T - 2\xi(k'q')(kP)_T - 2\xi(kq')(k'P)_T\Big] - (Q^2 - t + 4(k\Delta))\Big[(kk')(q'\Delta)_T - (k'q')(k\Delta)_T - (kq')(k'\Delta)_T + 2\xi(kk')(q'P)_T - 2\xi(k'q')(kP)_T - 2\xi(kq')(k'P)_T\Big]\Big\}$$

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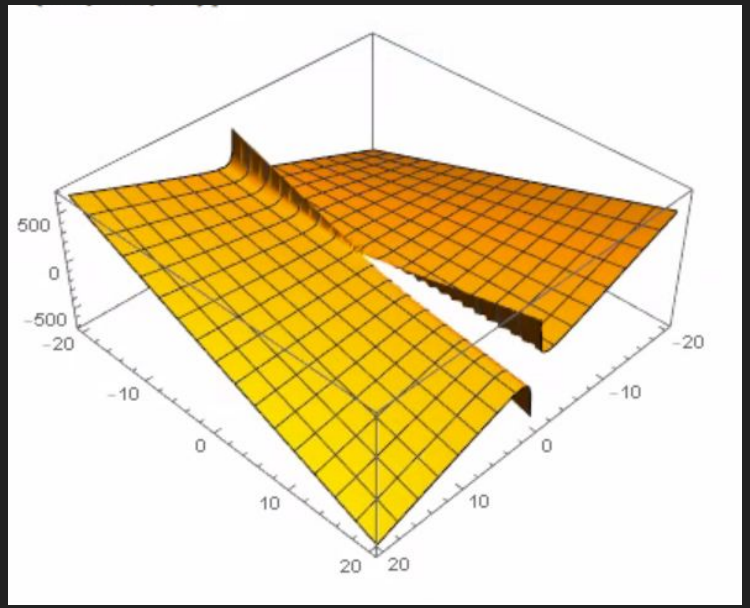
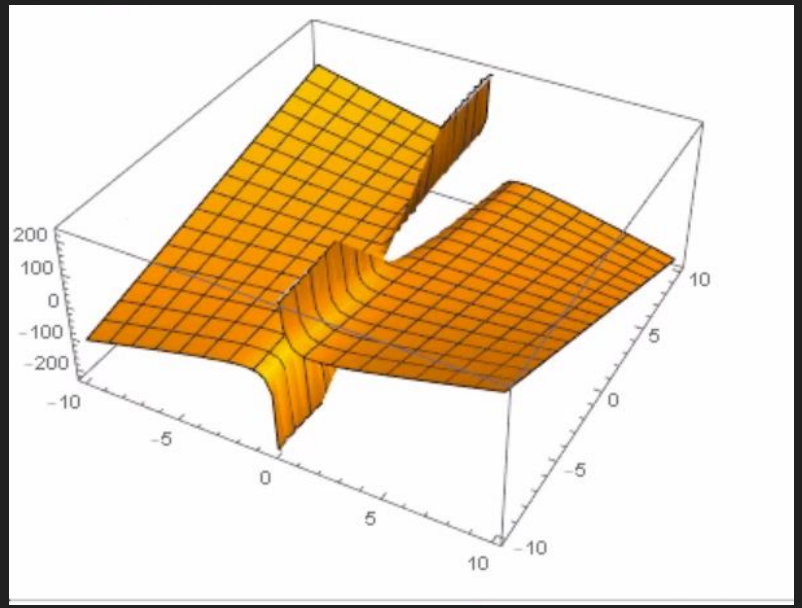
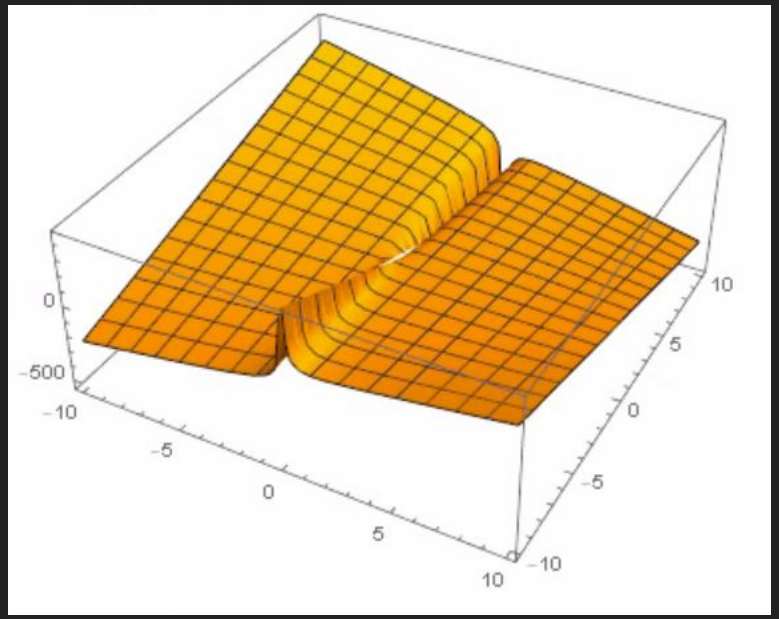
Interference (Q^2 vs ReH)



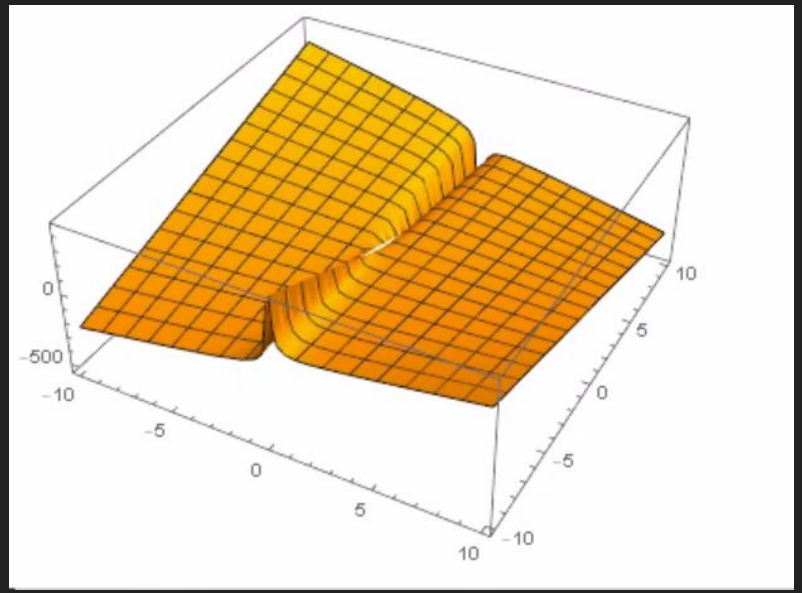
Interference (Q^2 vs ReE)



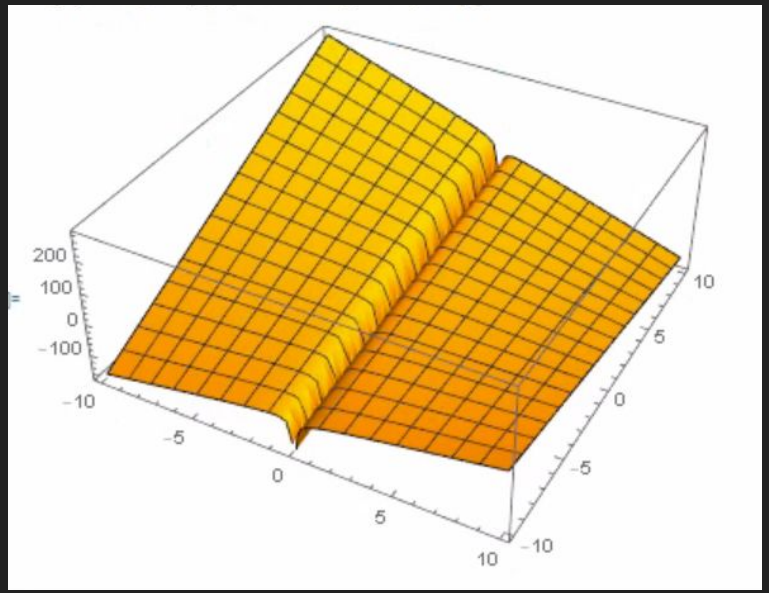
Interference (t vs ReH)



Interference (t vs ReE)



Interference (t vs ReHtilde)



Interference (Q^2 vs ReHtilde)