Líneas para plottear cheto

plt.figure(figsize=(16,6.5))

plt.plot(t1m4-t1m4[0], F\_medio1[:,i], '.', markersize=8, color=color[i], label='S'+str(i))

plt.plot(t2m4-t1m4[0], F\_medio2[:,i], '.', markersize=8, color=color[i])#, label='S'+str(i))

plt.plot(t3m4-t1m4[0], F\_medio3[:,i], '.', markersize=8, color=color[i])#, label='S'+str(i))

plt.fill\_between(t1m4-t1m4[0], F\_inf1[:,i], F\_sup1[:,i], color='y', alpha=alpha)

plt.fill\_between(t2m4-t1m4[0], F\_inf2[:,i], F\_sup2[:,i], color='y', alpha=alpha)

plt.fill\_between(t3m4-t1m4[0], F\_inf3[:,i], F\_sup3[:,i], color='y', alpha=alpha)

plt.grid()

plt.rc('font', \*\*font)

plt.title('Medición Dinámica', fontsize=30)

plt.legend(fontsize=16, markerscale=5., loc='upper right')

plt.xlabel('Tiempo [min]', fontsize=25)

plt.ylabel('Fuerza [N]', fontsize=25)

plt.yticks(fontsize=17) #[0, 200, 400, 600, 800, 1000]

plt.xticks(fontsize=17)

plt.tight\_layout()

AJUSTE LOGARITMICO

def loga(x, d, e, f):

y = 200+d + 180\*e\*np.log(x-f+1.5)

#y = f\*(1 - e\*\*(-d\*x))

return y

ESTOS CUADRADOS bis - offset

parametrosbis=[[-1696.2056075183846, 1.057276361256899, -4.440634933744634],

[-2476.2431123218907, 1.5748146721782113, -16.137843961601483],

[-4561.143134912992, 3.084204535582393, -47.77529176981558]]

sigma\_sensores=[36.02294229608612, 28.45264088039839, 23.30499801528205]

SENSORES CIRCULARES

parametrosbis=[[-197.53346093820625, 1.33211844966353, 0.0641565727232117],

[78.56231701708825, 0.8469072085365968, 1.2372170320576283],

[-411.6590650888969, 1.4132332551700164, -1.744794541271738],

[-47.54719248417899, 1.1479957758451773, 0.7931257167480763],

[-305.3603536923224, 1.3946746204534222, -0.7311988822971813],

[118.64916688983206, 0.8977671206620181, 1.166209260879641],

[-221.42446010900082, 1.2322276525464884, -0.1547531919645663],

[-139.40206969906046, 1.2000159762265885, 0.39083694667849794],

[-48.899476185645824, 1.0729012017778754, 0.8150246552254157],

[-253.7807941241735, 1.316433045932849, -0.2896776039797057],

[-147.7069317579681, 1.2525045976189582, 0.3639319763109198],

[-40.75024235353535, 1.0353719488769222, 0.8710074314465065]]

sigma\_sensores\_bis= [29.539461670534322,

60.49559731024787,

35.68269672817009,

30.98727302034468,

37.6528840972345,

48.18579788284019,

27.34625409985951,

31.614848378910125,

38.63106786188516,

48.220645509993986,

34.41971383693343,

43.190491600349496]

parametros=[[-27.111919978482188, 1.093938666726875, 0.9851833361780927],

[-26.14975497162026, 1.0464362671302818, 1.0216608649519114],

[-226.0092869361351, 1.3365091296043523, 0.0916962324557033],

[-159.75078410565752, 1.172955300232584, 0.46452888033330125],

[-69.23769479544625, 1.0985161998137527, 0.8713225079566124],

[53.0604270986158, 0.9255840561408775, 1.1326741185994567],

[107.49547163759657, 0.8086536193583748, 1.3479244155000745],

[-130.54384266187262, 1.1883147776461171, 0.48413613403128336],

[2.628498669557013, 1.0138066181122456, 1.1282303462725736],

[69.20880499430366, 0.9056301392559876, 1.3016080536602286],

[-33.53366286686029, 1.043132556588752, 0.8989234198130285],

[43.9289663634351, 0.949842995811725, 1.2117315431974094],

[63.07105162735809, 0.9461098559988136, 1.1089271678934591],

[-61.259525953147346, 1.1731321014496332, 0.8221642344864362],

[73.31887941165964, 0.9148464189587207, 1.2874445851947378],

[-103.8234091432016, 0.8413074702374649, 0.5913319206622106]]

sigma\_sensores=[38.821278466347074,

38.71579704870181,

79.73415397691831,

39.275052851152466,

38.61105819145743,

49.70442694212622,

110.54970878906946,

56.107786398555845,

34.917620095641105,

35.99208024273564,

29.502118667380707,

29.59304692668921,

35.46054658331651,

125.94526512964234,

28.692533129309687,

70.70048621251644]

CUADRADOS

parametrosbis=[[-1688.3608800890725, 1.0572663407678338, -3.0141950987780644],

[-2464.5670560699477, 1.5748092850915165, -14.405929496366111],

[-4538.194975562172, 3.084137998610855, -45.21595680114884]]

sigma\_sensores\_bis= [36.02294229600317, 28.452640880464145, 23.304998015326362]

NUEVOSBIS

parametrosbis=[[-1688.360351548477, 1.0572658248050912, -3.170155232109161],

[-2464.5658556507765, 1.5748083074112467, -14.561878581287175],

[-4538.308633692532, 3.0842183933321072, -45.37340965697513]]

sigma\_sensoresbis=[36.0229422960262, 28.4526408804898, 23.30499801532975]

parametros=[[-1215.0026007394283, 0.696872017123908, 2.901511908690229],

[-1365.5072742548055, 0.749069142688148, 1.5552214844871068],

[-3115.883497357555, 2.072094127624211, -29.19787719376237]]

sigma\_sensores=[27.713796612066826, 39.57108216598446, 59.24544643956612]

AJUSTE EXPONENCIAL

parametrosbis=[[95.52777244899588, -92.45133092451597, 0.13471101811273095],

[91.19254522241974, -169.0535192442891, 0.2703542784816619],

[89.34809682024198, -54.224884415561455, 0.08875694573056239],

[89.1346019596374, -138.69050246590402, 0.20436668767526167],

[99.32936424804635, -70.8074519976444, 0.10366104258270328],

[152.33161133671715, -207.70443788283728, 0.3545251808364372],

[94.79114292221819, -78.35432311772722, 0.12506036123458042],

[90.6246706853269, -102.0790066840667, 0.15563418196497794],

[88.25710885320791, -114.96650683241656, 0.1683629663913843],

[89.98805841277273, -74.84187582390668, 0.10693245776933669],

[90.32867007124622, -92.25878691712603, 0.1269781400946032],

[91.1127894144506, -101.94353295482306, 0.14604696664271546]]

sigmasensoresbis= [31.44471398439513,

60.018544705159286,

33.7485563274975,

29.347189346558434,

34.610913929262544,

47.54728821181591,

28.401835337390935,

32.41696230103633,

35.21257334109413,

47.91200373338111,

30.786024623884288,

45.718733529442346]

parametroscuadradosbis=[[75.07233363303094, -36.498091576890594, 0.06460933903551455], [10.115984223545363, -22.61770449262454, 0.03254169811547916], [17.718610590559724, -17.57701611164902, 0.017406911989024776]] #2,13,15