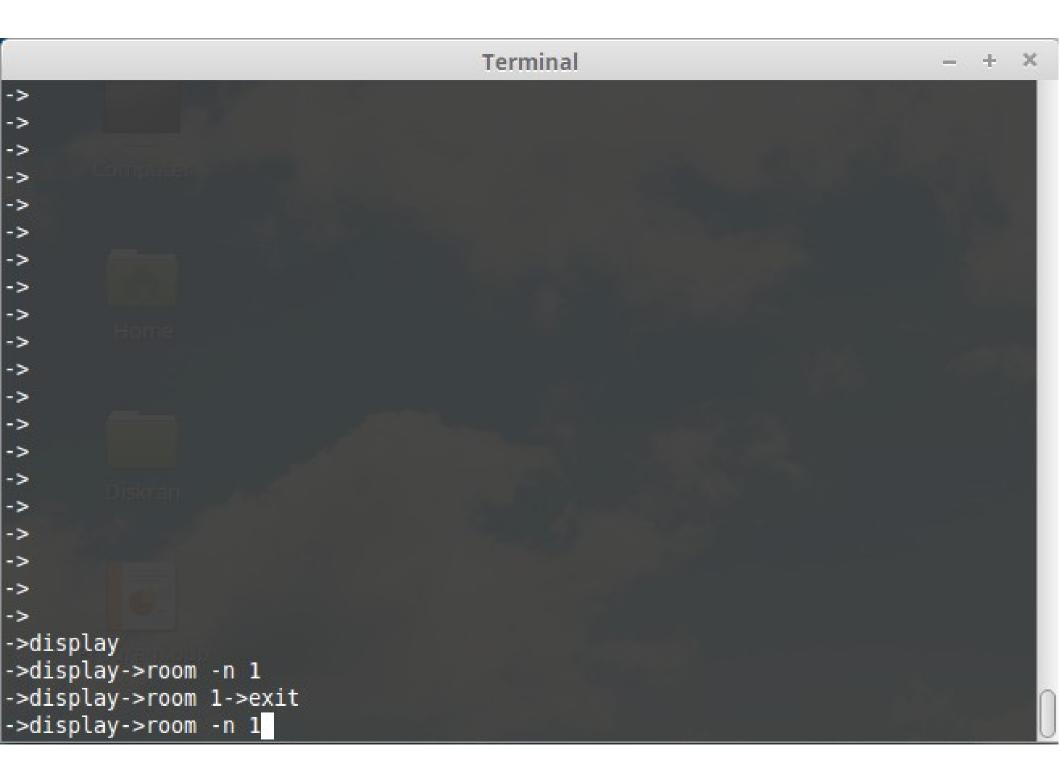
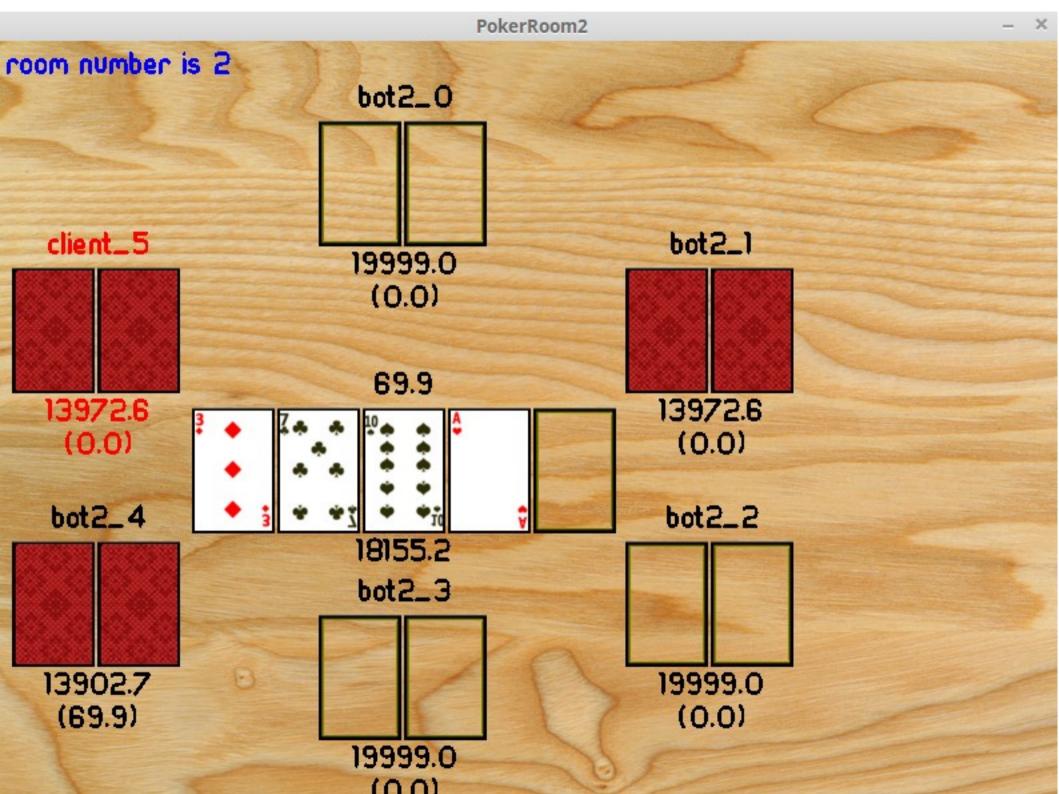
Poker Room

Сервер

		Terminal					×
login	bot2_0	bot2_1	bot2_2	bot2_3	bot2_4	bot3_5	
cash	21707.02	15380.24	2135.12	22891.78	11809.25	3751.32	
rebuy	0	0	0	 0	0	0	
MAX cash	75245.90	52695.11	44444.52	51136.03	49733.37	49247.47	
MIN cash	0.00	0.00	0.00	0.00	0.00	0.00	
COUNT all	1297	1297	1297	1297	1297	1297	
COUNT won	244	282	214	224	246	108	
won	308068.03	296737.28	283685.03	288648.56	209065.60	505703.63	
lost	306361.01	301357.04	301549.91	285756.79	217256.35	521952.31	
MIDLE won	237.52	228.79	218.72	222.55	161.19	389.90	
MIDLE lost	236.21	232.35	232.50	220.32	167.51	402.43	
->							





Клиент





Poker Room Help

exit

menu

Menu Help

If you want move to game please press "game". If you press "game" and game don't start - check server.

If you want exit from game please press "exit".

For help in game press "help".

Help Help

If you want exit from game please press "exit".

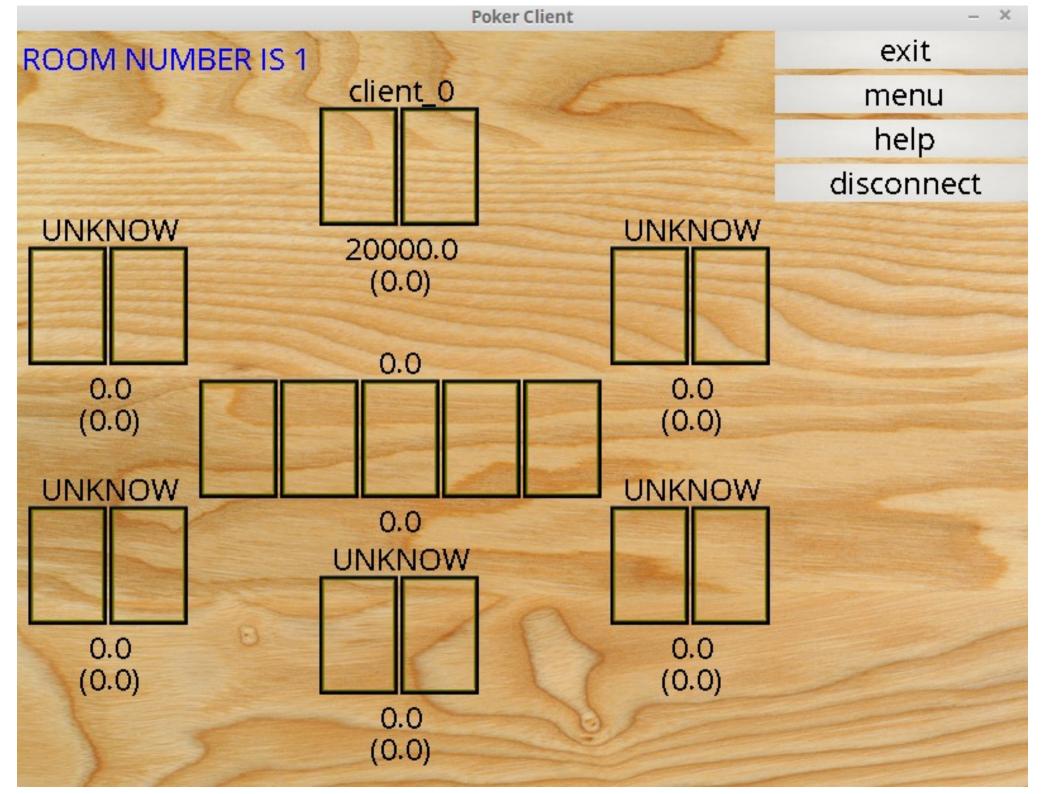
You always can come back to menu - press "menu".

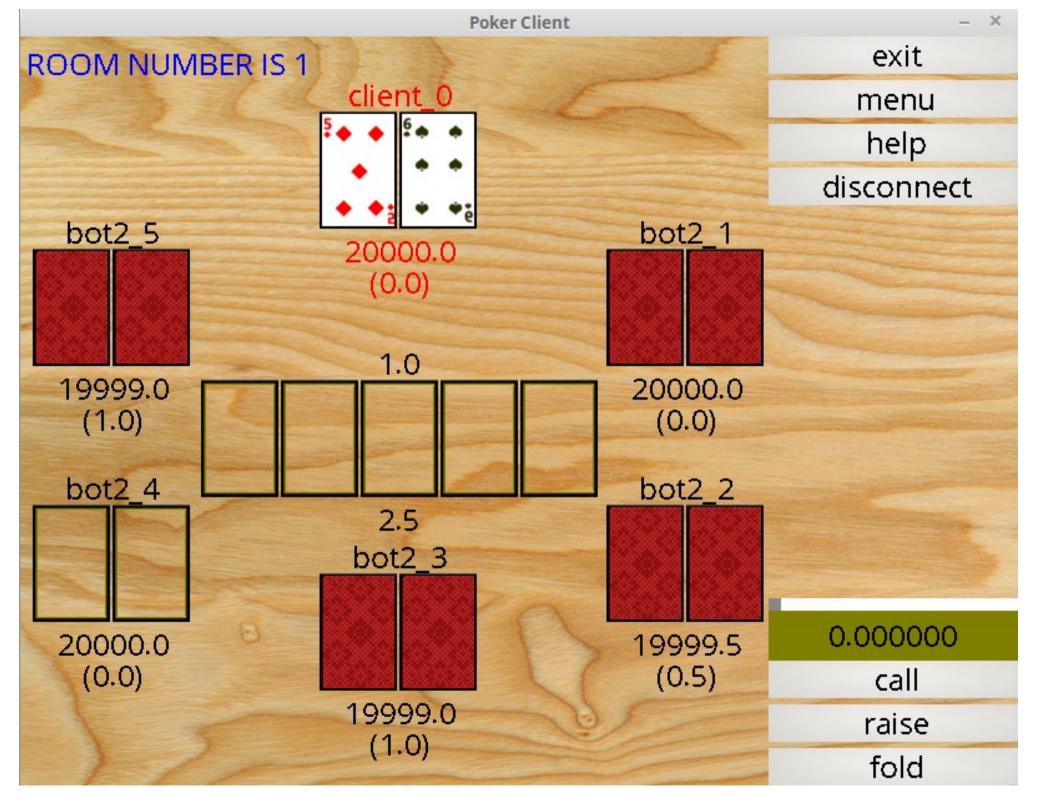
Game Help

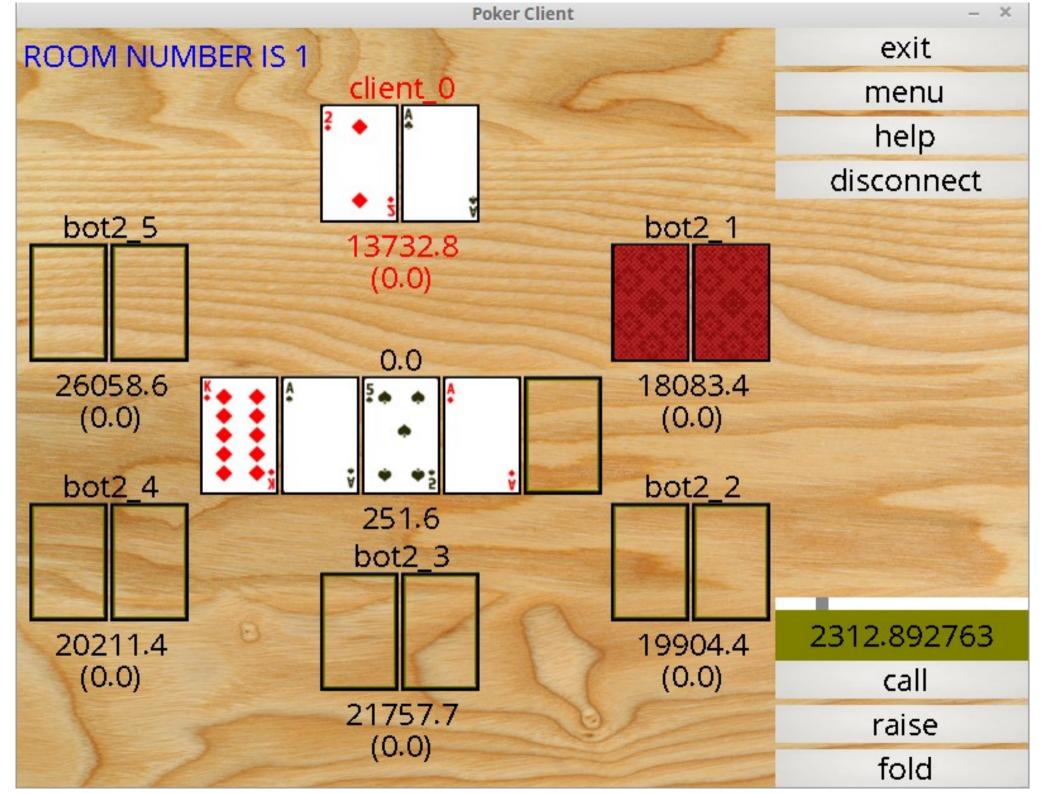
If you want exit from game please press "exit".

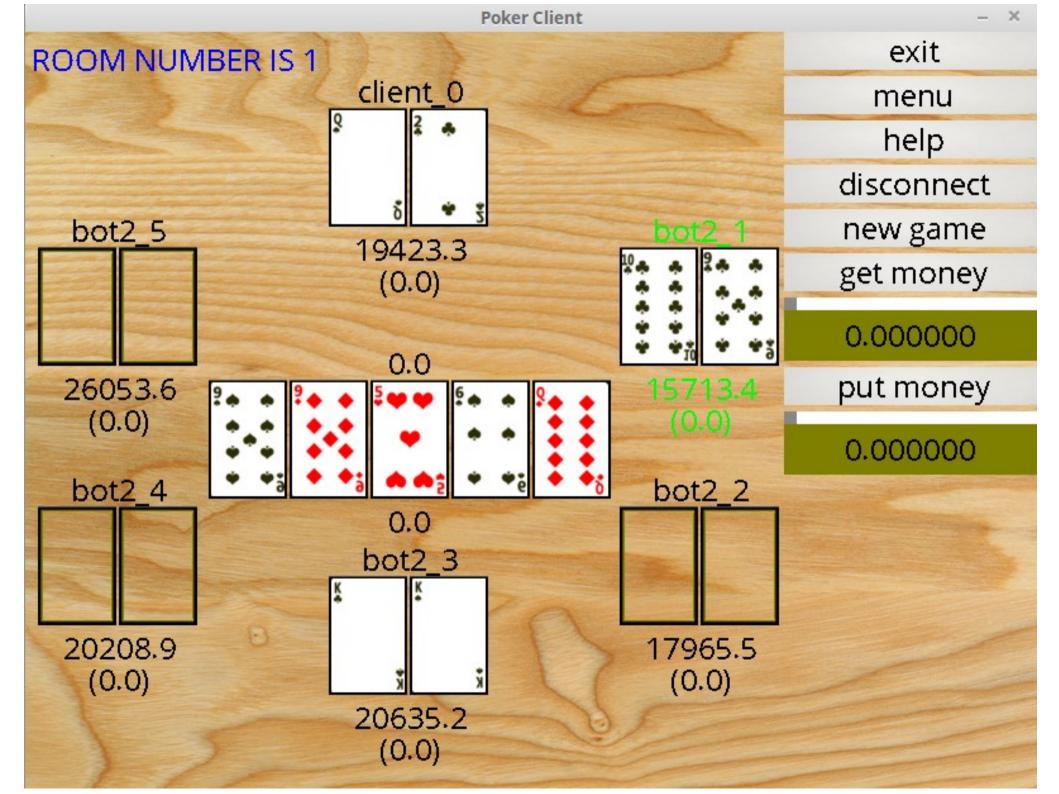
For help in game press "help".

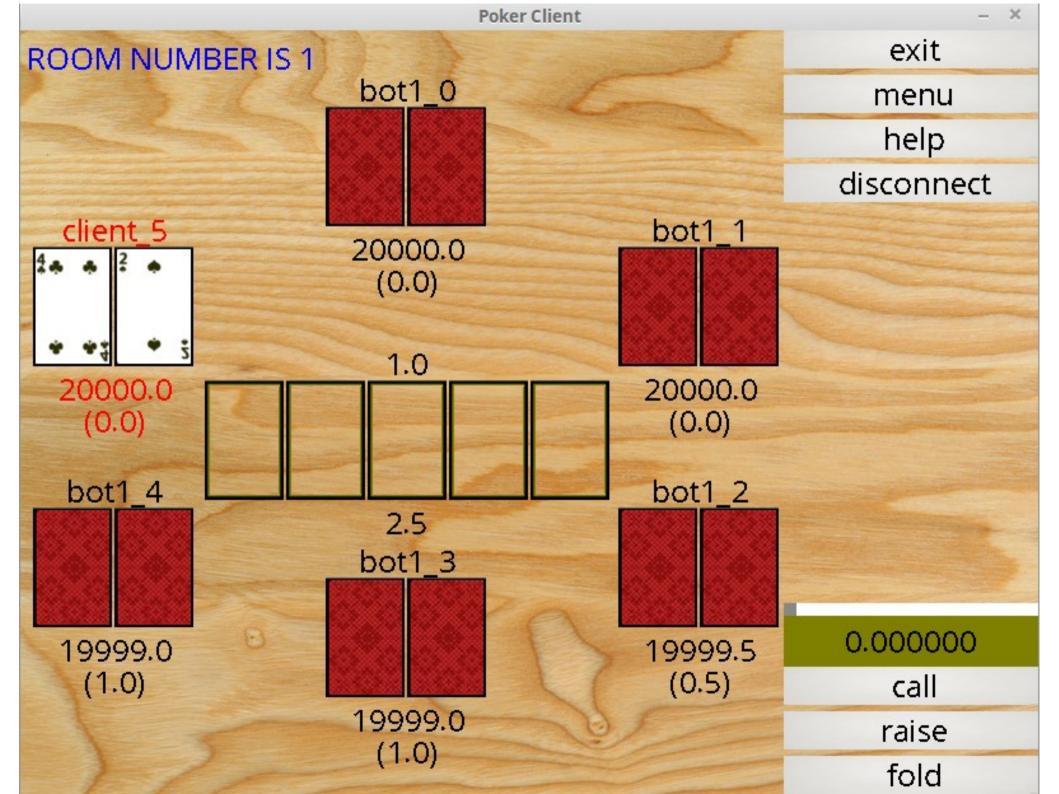
You always can come back to menu - press "menu".

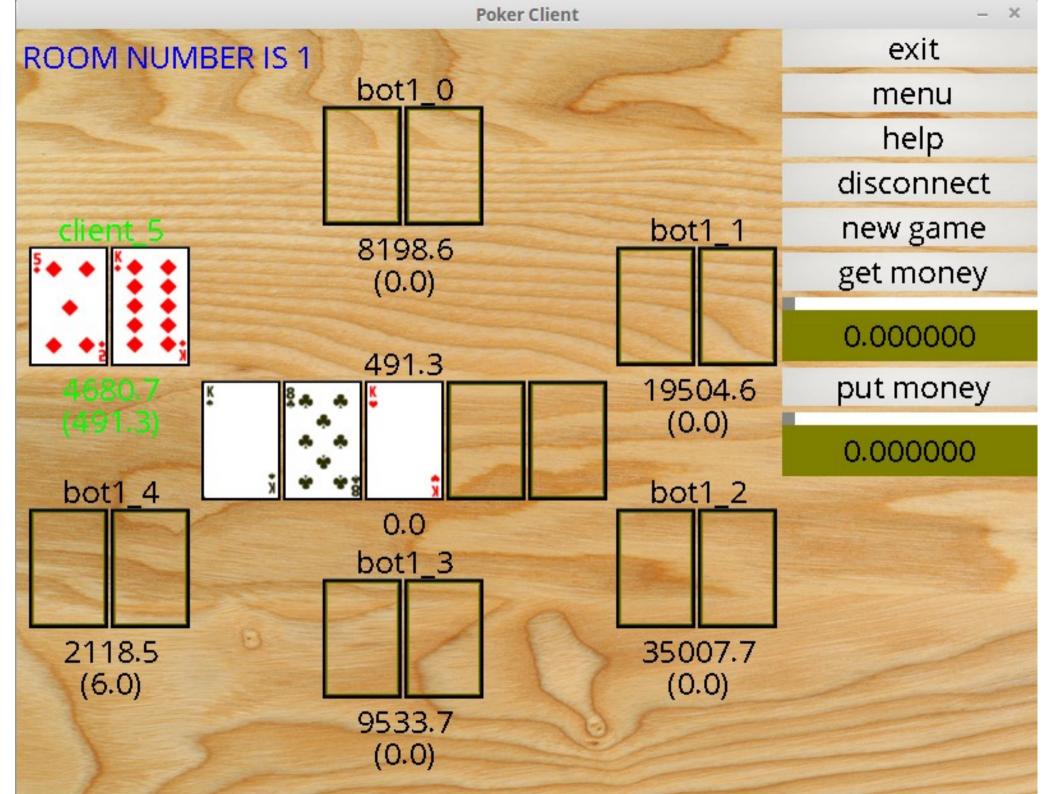








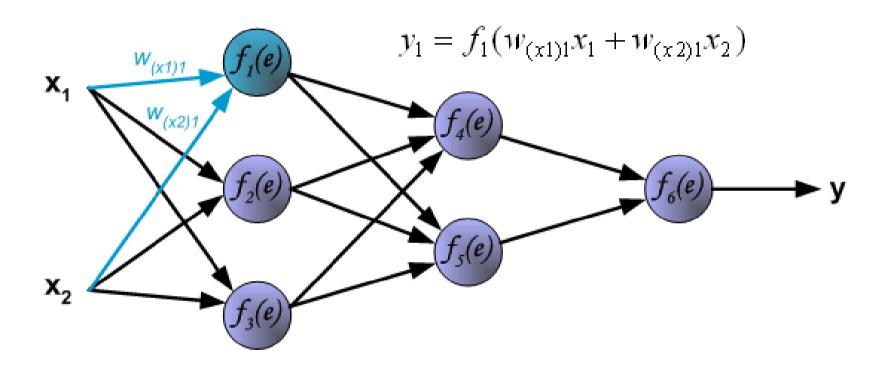


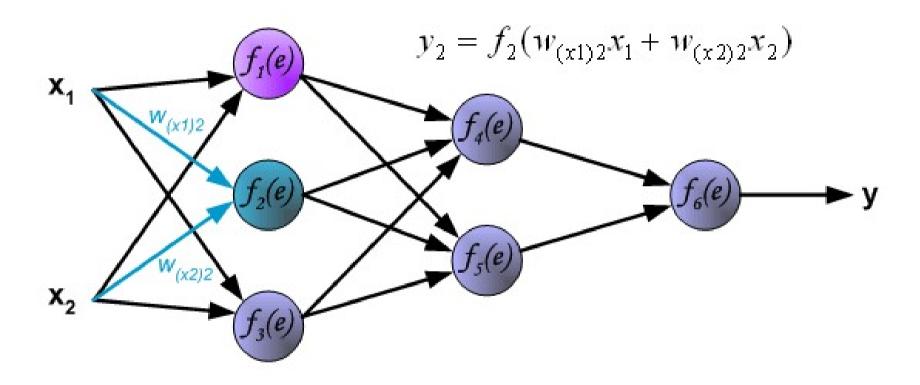


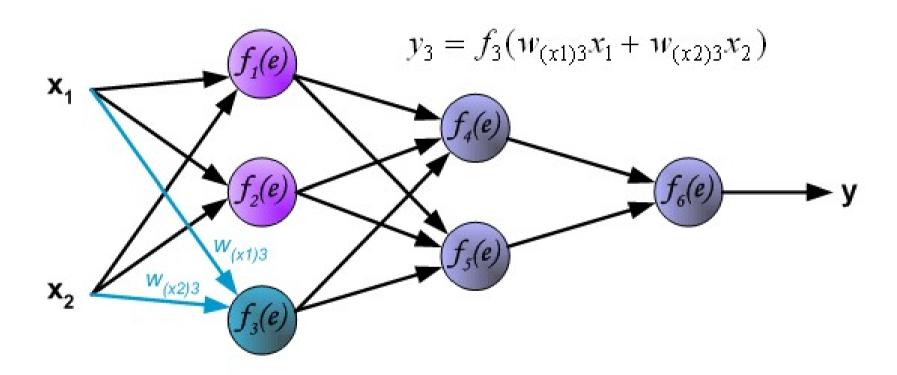
Первый Бот

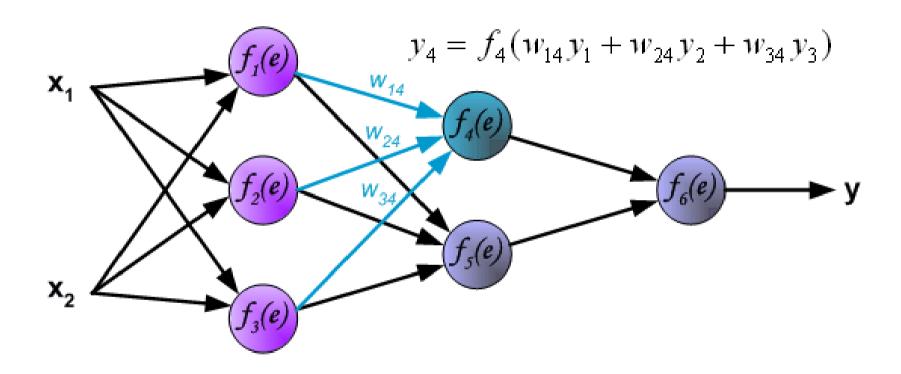
Второй Бот

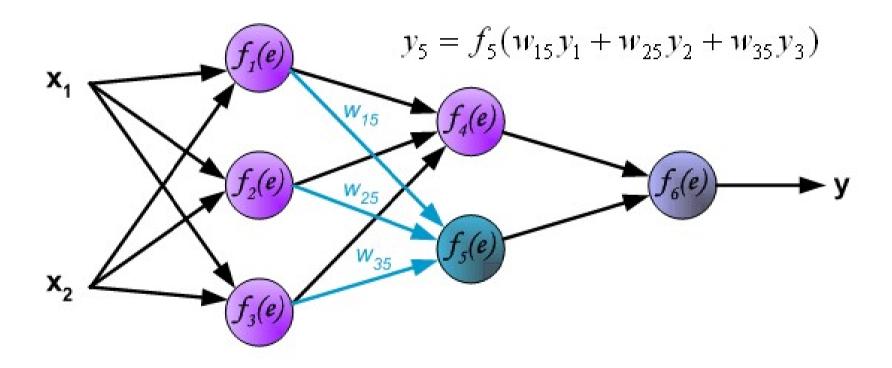
BackProp

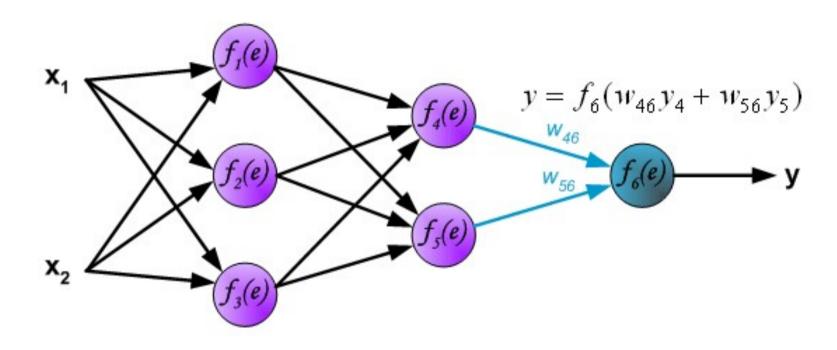


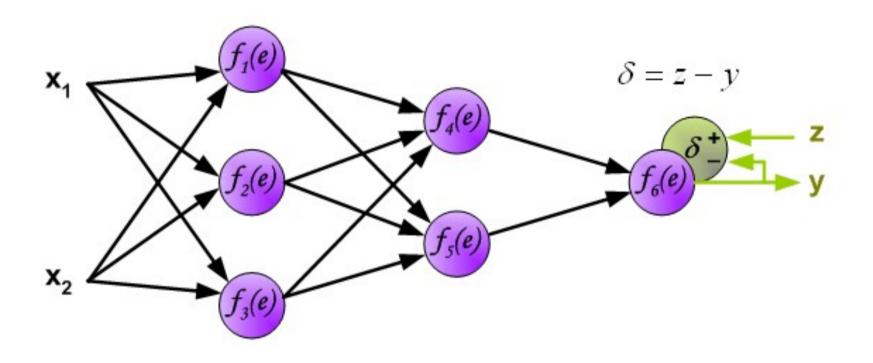


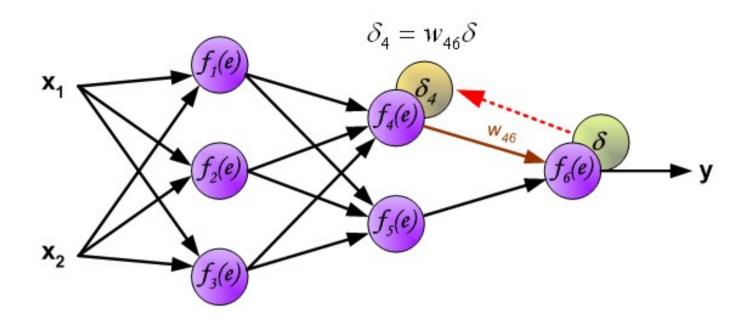


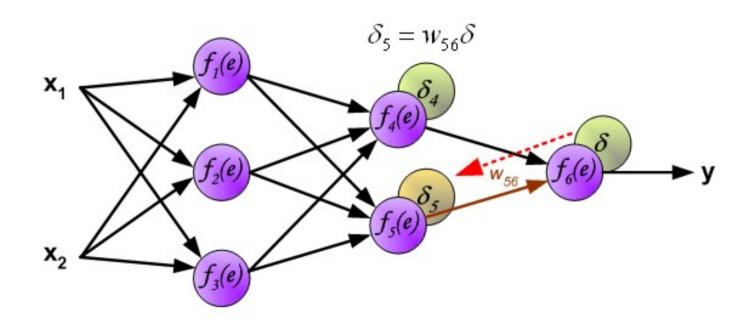


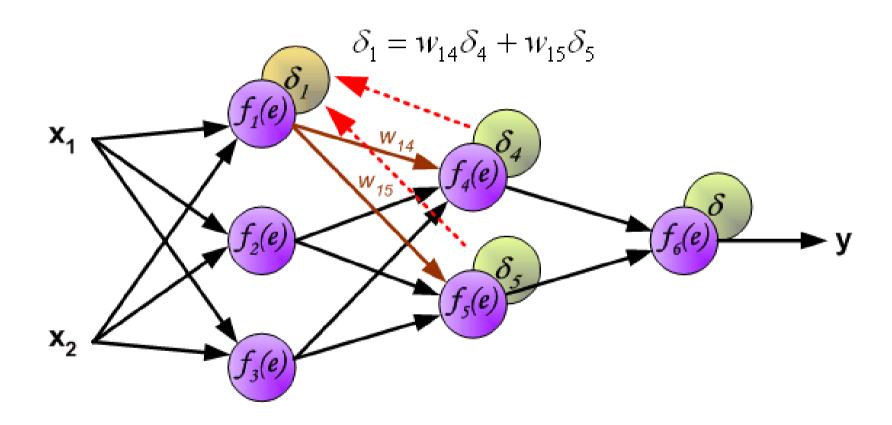


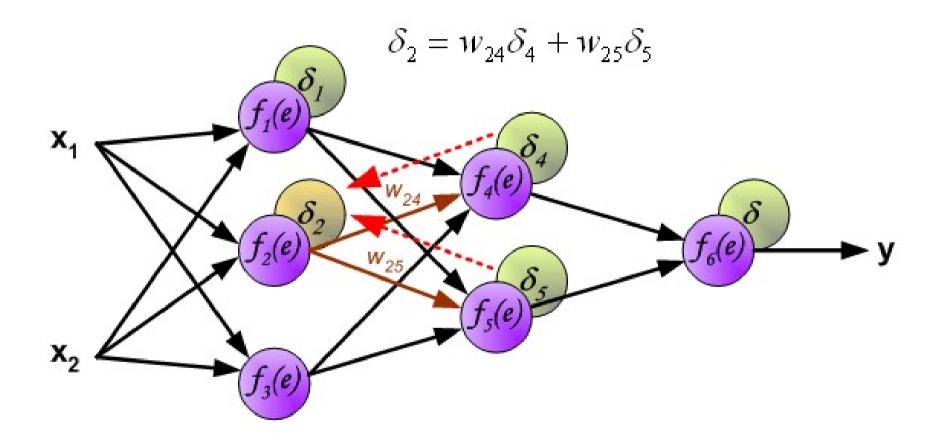


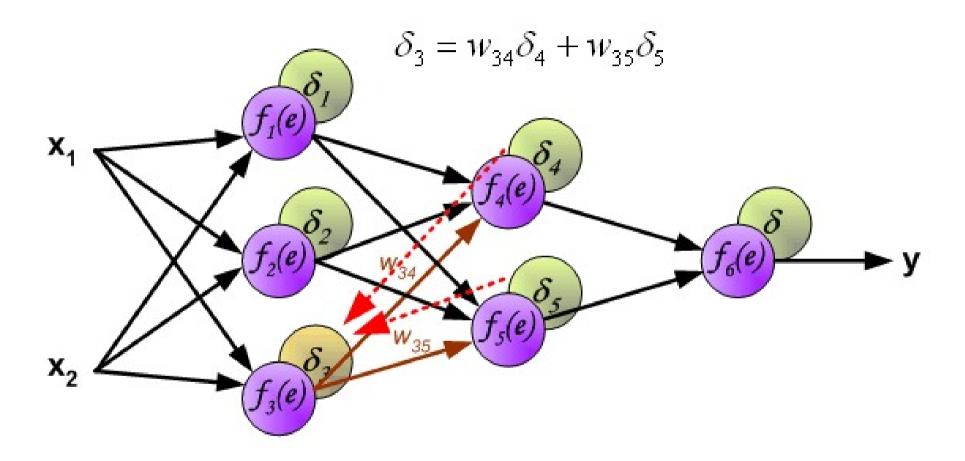


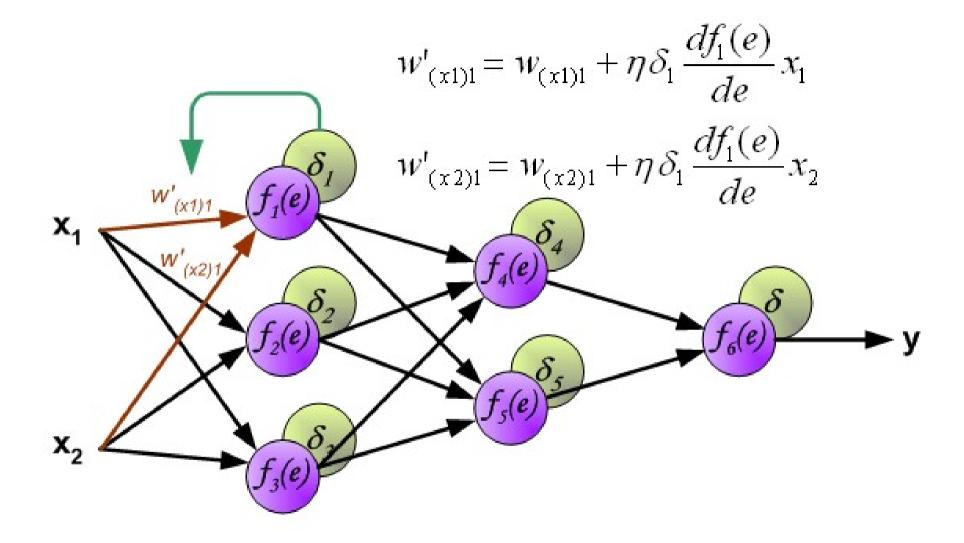


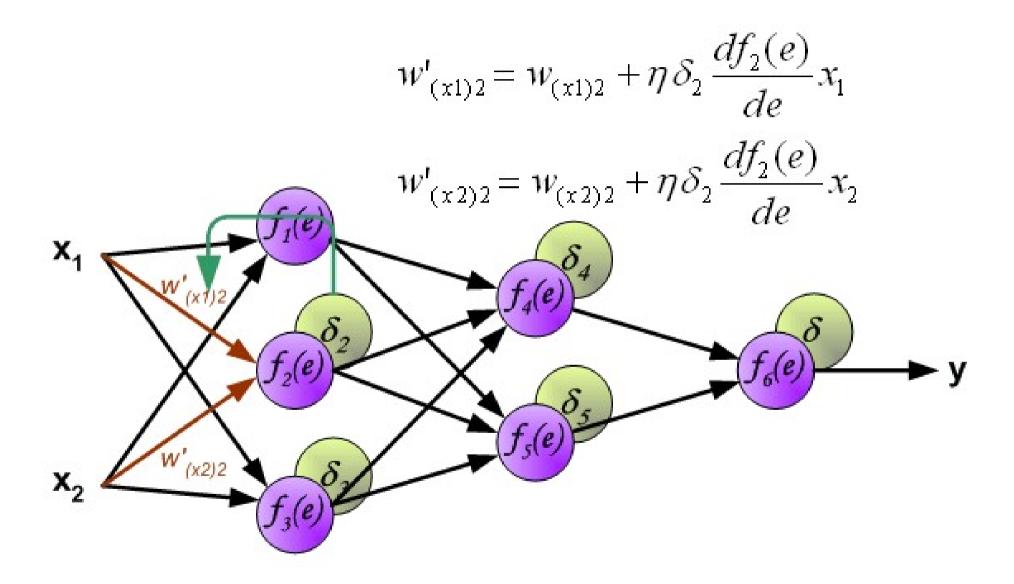












$$w'_{(x1)3} = w_{(x1)3} + \eta \delta_3 \frac{df_3(e)}{de} x_1$$

$$w'_{(x2)3} = w_{(x2)3} + \eta \delta_3 \frac{df_3(e)}{de} x_2$$

$$f_4(e)$$

$$x_2$$

$$f_5(e)$$

$$f_5(e)$$

$$f_6(e)$$

$$y$$

$$w'_{14} = w_{14} + \eta \delta_4 \frac{df_4(e)}{de} y_1$$

$$w'_{24} = w_{24} + \eta \delta_4 \frac{df_4(e)}{de} y_2$$

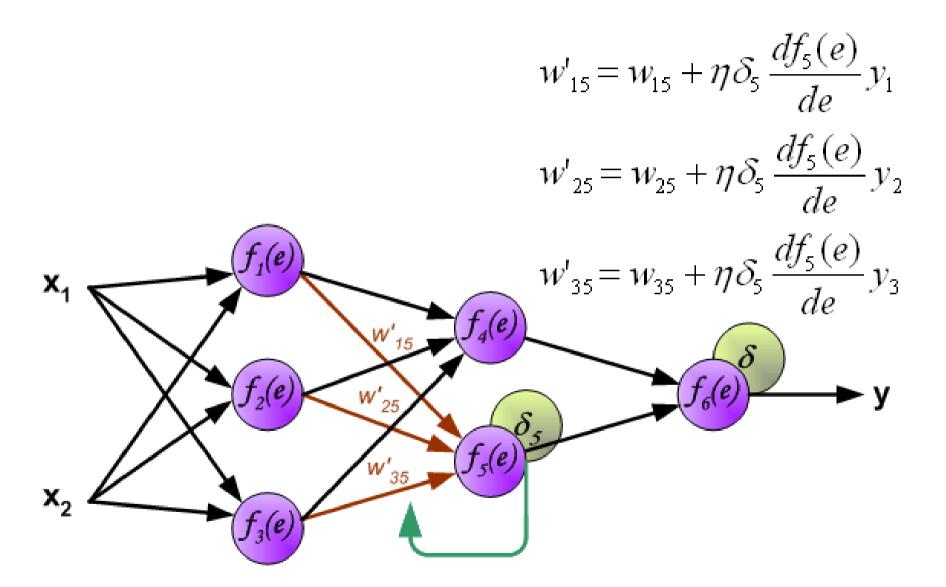
$$w'_{34} = w_{34} + \eta \delta_4 \frac{df_4(e)}{de} y_3$$

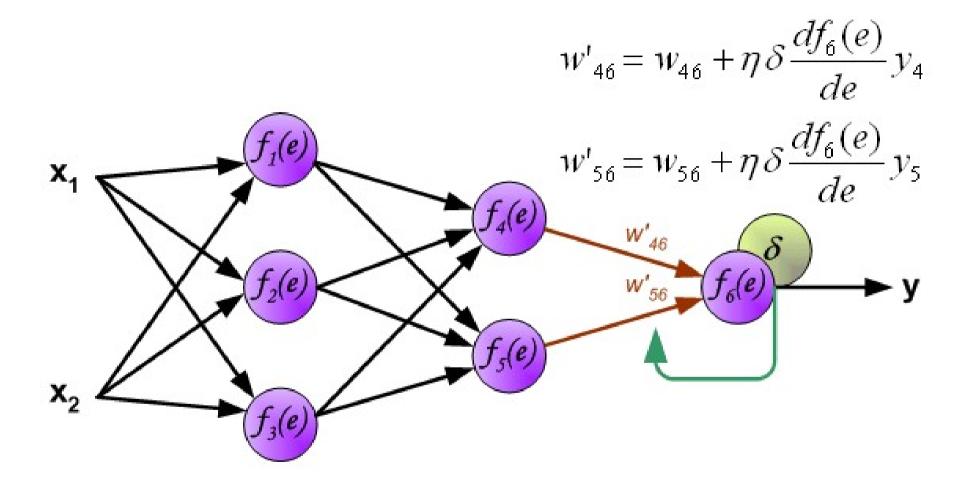
$$f_{3}(e)$$

$$w'_{34} = f_{3}(e)$$

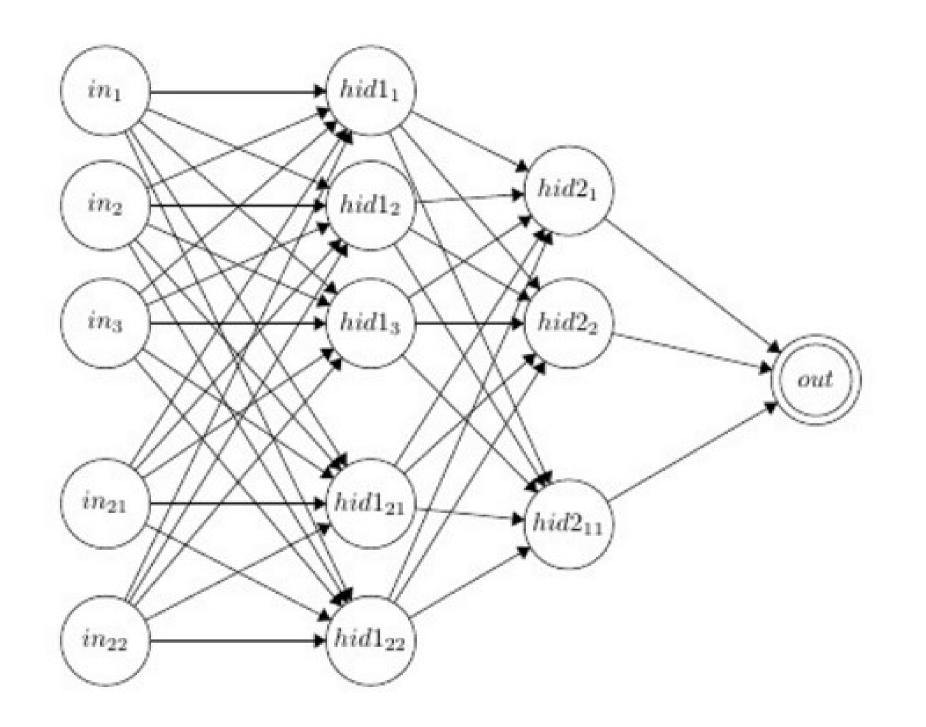
$$f_{3}(e)$$

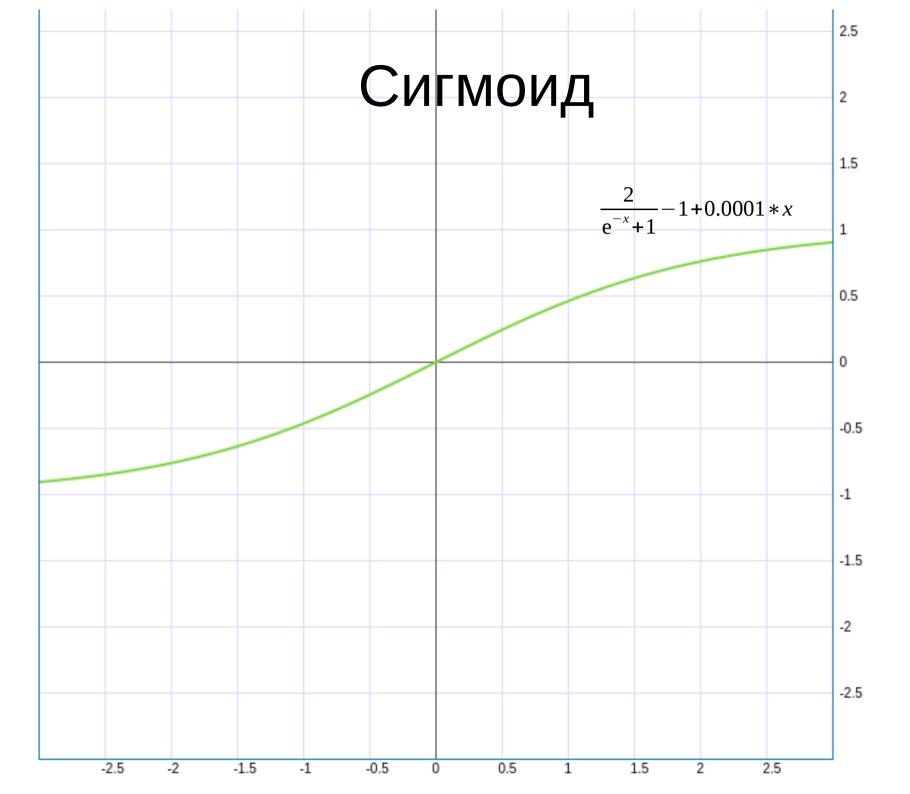
$$y$$

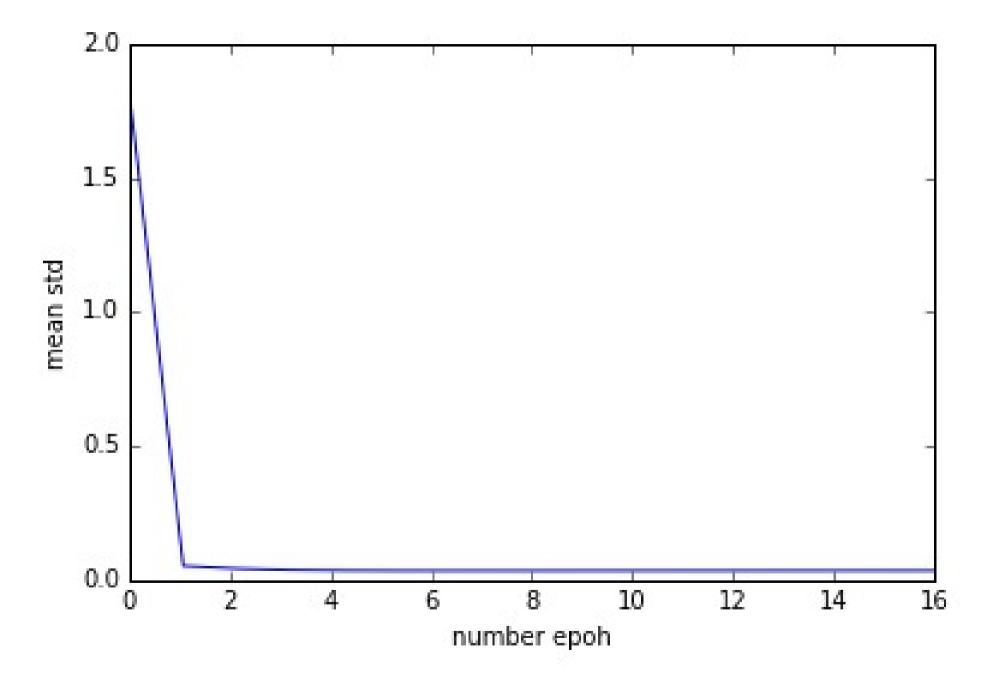


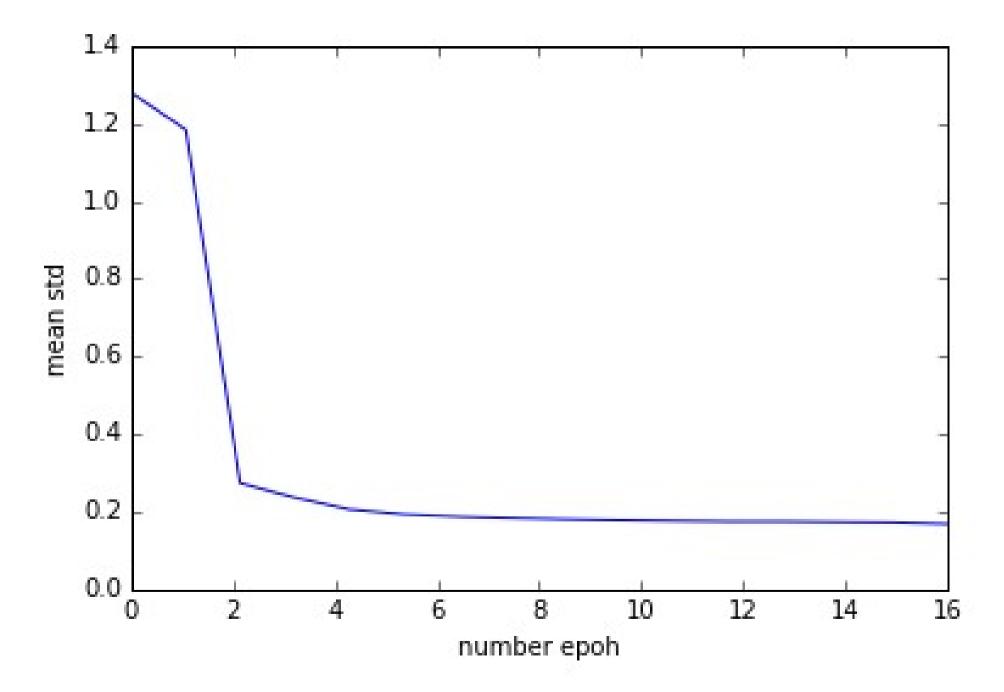


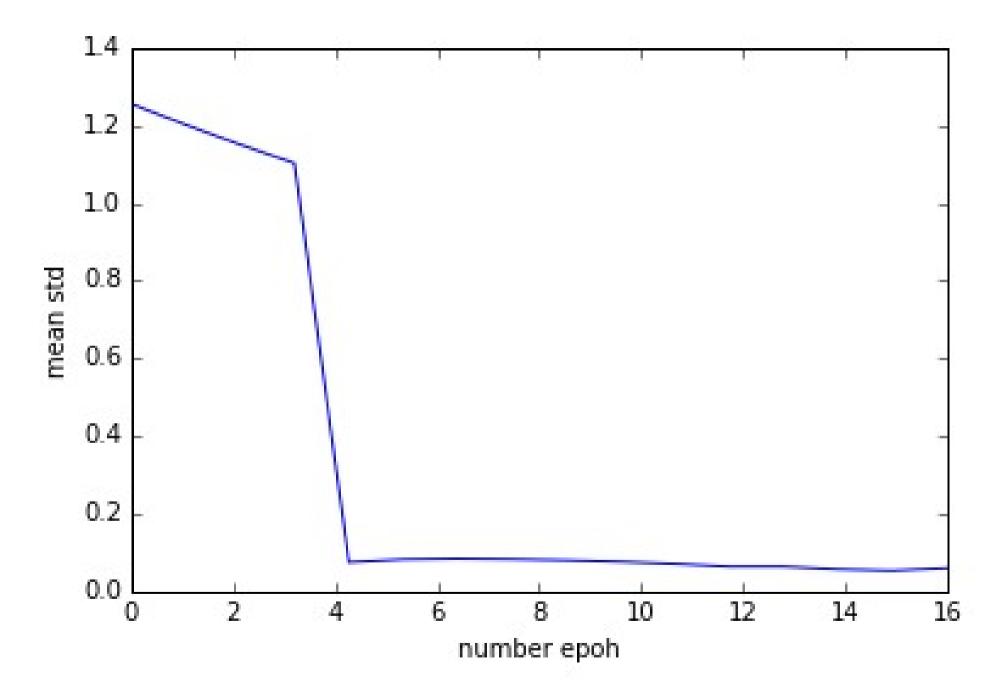
Третий Бот

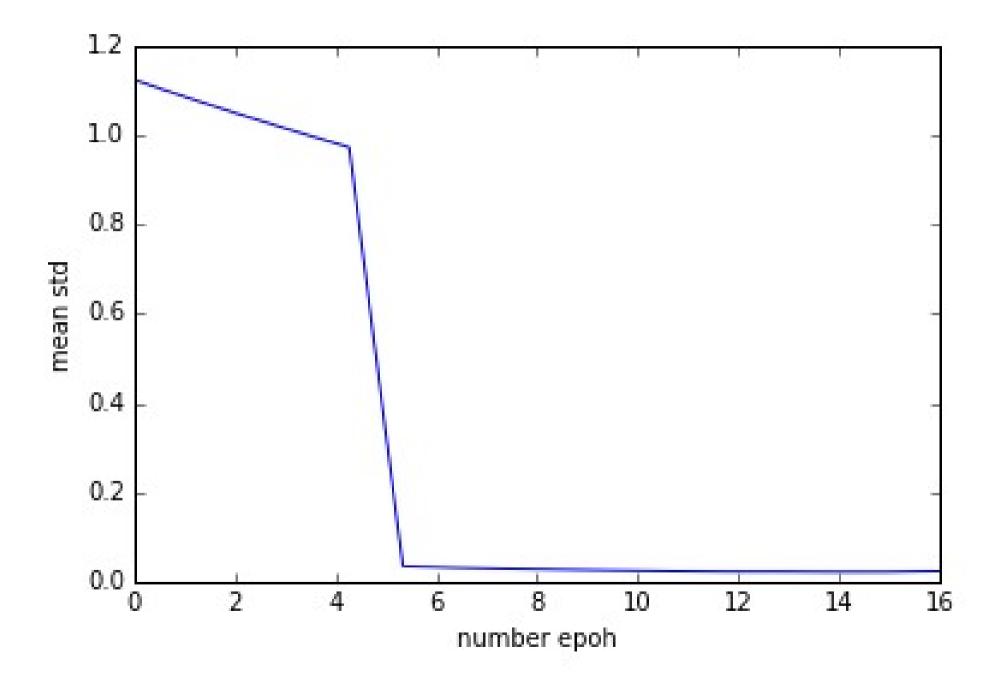




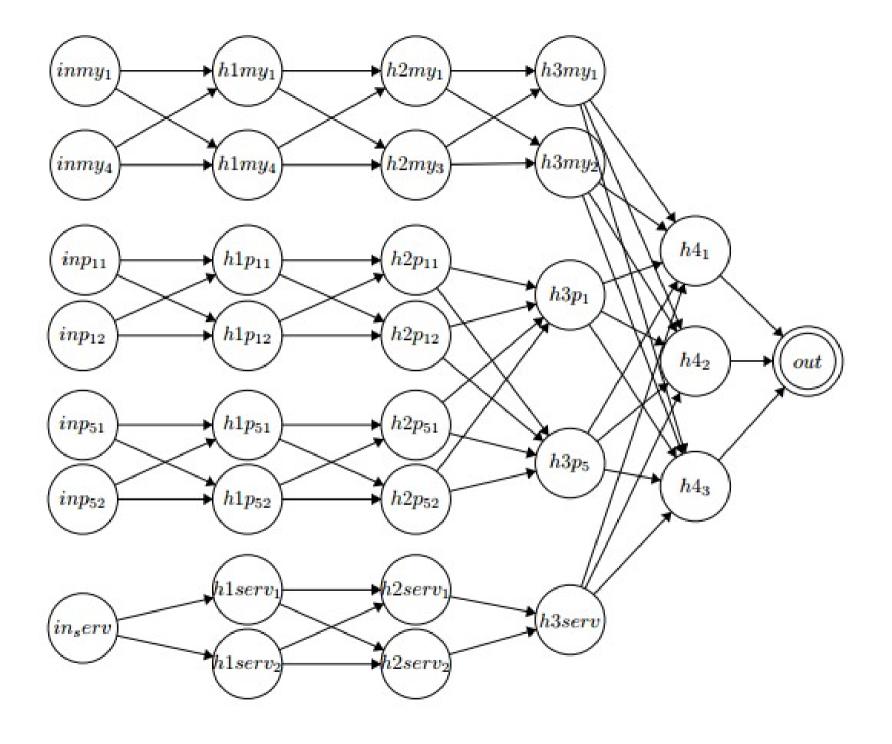


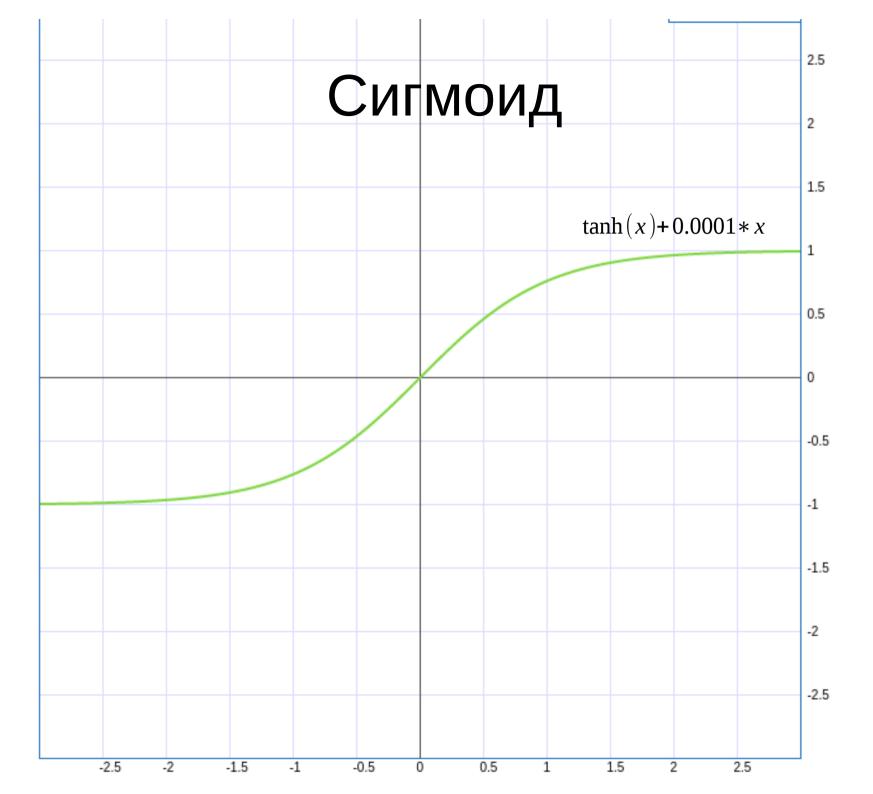




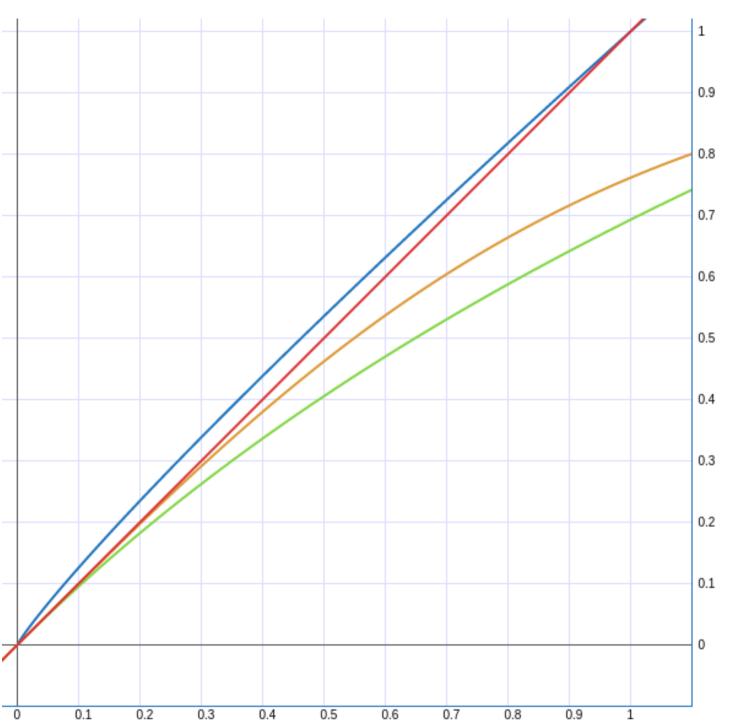


Четвертый Бот





Функция потерь



Blue $-x^{(9/10)}$ Red -xYellow $-\tanh(x)$ Green $-\log(1+x)$

Нестабильность на длинных дистанциях

login	bot2_0	bot2_1	bot2_2	bot1_3	bot1_4	bot4_5
cash	19560.00	35251.43	20577.84	13988.99	9103.97	26637.23
rebuy	0	0	0	0	0	0
MAX cash	22638.35	36210.73	42274.07	30089.00	20000.00	45076.33
MIN cash	0.00	19960.50	14091.02	13988.99	8600.27	1.80
COUNT all	672	672	672	672	672	672
COUNT won	120	118	118	101	102	118

login	bot2_0	bot2_1	bot2_2	bot1_3	bot1_4	bot4_5
cash	19559.00	17718.01	20577.84	13506.99	5967.12	47790.49
rebuy	0	0	0	0	0	0
MAX cash	22638.35	36210.73	42274.07	30089.00	20000.00	47790.49
MIN cash	0.00	17718.01	14091.02	13506.99	5967.12	1.80
COUNT all	673	673	673	673	673	673
COUNT won	120	118	118	101	102	119

login	bot2_0	bot2_1	bot2_2	bot1_3	bot1_4	bot4_5
cash	19558.50	17716.51	8663.97	12714.99	5967.12	32708.87
rebuy	0	0	0	0	0	0
MAX cash	22638.35	36210.73	42274.07	30089.00	20000.00	47790.49
MIN cash	0.00	17716.51	8663.97	12714.99	5967.12	1.80
COUNT all	676	676	676	676	676	676
COUNT won	120	118	119	101	102 inz	121

login	bot2_0	bot2_1	bot2_2	bot1_3	bot1_4	bot4_5
cash	0.00	0.00	8079.97	12714.49	5966.12	70569.38
rebuy	0	0	0	0	0	0
MAX cash	22638.35	36210.73	42274.07	30089.00	20000.00	70569.38
MIN cash	0.00	0.00	8079.97	12714.49	5966.12	1.80
COUNT all	677	677	677	677	677	677
COUNT won	120	118	119	101	102	122

login	bot2_0	bot2_1 ===	bot2_2	bot1_3	bot1_4	bot4_5
cash	14040.67	37719.83	10740.78	11454.99	4757.94	7070.71
rebuy	0	0	0 _{-omputer}	0	0	0
MAX cash	23780.67	37719.83	42274.07	30089.00	20000.00	70569.38
MIN cash	0.00	0.00	8079.97	11454.99	3481.44	1.80 bot3_ga
COUNT all	690	690	690	690	690	690
COUNT won	122	122	122	101	103	125
login	bot2_0	bot2_1	bot2_2	bot1_3	bot1_4	bot4_5
login cash	bot2_0 12096.34	bot2_1 10150.65	bot2_2 25466.25	bot1_3 9978.87	bot1_4 3020.64	bot4_5 95.26
th reliench is						
cash	12096.34 0	10150.65	25466.25	9978.87	3020.64	95.26
rebuy MAX cash	12096.34 0	10150.65 0	25466.25 0	9978.87 0	3020.64 0	95.26 0
rebuy MAX cash	12096.34 0 23780.67 0.00	10150.65 0 37887.10	25466.25 0 42274.07	9978.87 0 30089.00	3020.64 0 20000.00	95.26 0 70569.38

Проблема обучения на себе

login	bot4_0	bot4_1	bot4_2	bot4_3	bot4_4	bot4_5
cash	4874.50	3050.50	22985.50	3207.00	3202.00	2087.00
rebuy	0	0	0	[0	0 000	0
MAX cash	40367.00	20000.00	40073.50	20665.00	20000.00	21680.50
MIN cash	4874.50	3050.50	16228.00	3205.50	3202.00	2087.00
COUNT all	805	805	805	805	805	805
COUNT won	138	62	454	59	47	45
login	bot4_0	bot4_1	bot4_2	bot4_3	bot4_4	bot4_5
login cash	bot4_0 4874.50	bot4_1 3050.00	bot4_2 23044.00	bot4_3 3193.00	bot4_4 3158.00	bot4_5 2087.00
SUBSTILL	i	· · · · · · · · · · · · · · · · · · ·	·····			· · · · · · · · · · · · · · · · · · ·
cash	4874.50	3050.00	23044.00	3193.00	3158.00	2087.00
cash rebuy	4874.50 0	3050.00 0	23044.00 0	3193.00 0	3158.00 0	2087.00 0
rebuy MAX cash	4874.50 0 40367.00 4874.50	3050.00 0 20000.00	23044.00 0 40073.50	3193.00 0 20665.00	3158.00 0 20000.00	2087.00 0 21680.50

После 500 игр, \$	После 3000+ игр,\$
-39640.7	-12586.8
-39848.1	-14573.7
-39945.3	25628.3
-15060.3	79118.9
-39978.6	3258.2
42480.9	42316.4
-35554.5	981.5
25878.6	18655.2
-39842.2	128513.9
-19118.8	41918.8