		OR gate	e inputs				
		Α	В	Output			
		0	0	0			
		0	1	1			
		1	0	1			
		1	1	1			
Iteration 1	w1		w2	w3	bias	Learning rate	
		0.2	0.3	0.5	1	0.5	
	А		В	Target O	w1	w2	w3
		0	0	0	0.2	0.3	0.5
		0	1	1	0.2	0.3	0.5
		1	0	1	0.2		0.5
		1	1	1	0.2	0.3	0.5
Iteration 2	w1		w2	w3	bias	Learning rate	
	0.236	6783521	0.333158732	0.426859873	1	0.5	
	А		В	Target O	w1	w2	w3
		0	0		0.236783521		0.426859873
		0	1		0.236783521		0.426859873
		1	0	1	0.236783521		0.426859873
		1	1	1	0.236783521	0.333158732	0.426859873
Iteration 3	w1	1010100	w2	w3	bias	Learning rate	
	0.272	1918468	0.367748837	0.354563026	1	0.5	
	^		В	Torgot O	w1	w2	w3
	A	0	0	Target O 0		wz 0.367748837	
	+		1		0.274918468		
	+	0	0	1		0.367748837	0.354563026
	+	<u>_</u>		1	0.274918468		
	+	1	1		0.274910400	0.301140031	0.334303020
Iteration 4	w1		w2	w3	bias	Learning rate	
iteration 4		1336508				0.5	
	0.51	+550500	0.403711130	0.203330304		0.5	
	A		В	Target O	w1	w2	w3
		0	0		0.314336508		
		0	1	1			0.283358964
	_	1	0		0.314336508		0.283358964
	_	1	1		0.314336508		0.283358964
					0.01.00000	0.100111100	J.20000000
Iteration 5	w1		w2	w3	bias	Learning rate	
		1958179				0.5	
	Α		В	Target O	w1	w2	w3
		0	0	0			0.213474972
		0	1	1	0.354958179		0.213474972
		1	0		0.354958179		0.213474972
		1	1	1			0.213474972

Iteration 6	w1	w2	w3	bias	Learning rate	
iteration o		0.479452599		Dias 1	0.5	
	0.390094776	0.479452599	0.145110925	<u>_</u>	0.5	
	A	В	Target O	w1	w2	w3
	0	0	n anger o		0.479452599	-
	0	1	1	0.396694778		
	1	0	1	0.396694778		
	1	1	1			0.145110925
	_					
Iteration 7	w1	w2	w3	bias	Learning rate	
	0.43945045	0.519056294	0.078435763	1	0.5	
	A	В	Target O	w1	w2	w3
	0	0	0	0.43945045	0.519056294	0.078435763
	0	1	1	0.43945045	0.519056294	0.078435763
	1	0	1	0.43945045	0.519056294	0.078435763
	1	1	1	0.43945045	0.519056294	0.078435763
Iteration 8	w1	w2	w3	bias	Learning rate	
	0.483124339	0.559685694	0.013585694	1	0.5	
	A	В	Target O	w1	w2	w3
	0	0	0	0.483124339		
	0	1	1	0.483124339		
	1	0	1	31.3322.333		
	1	1	1	0.483124339	0.559685694	0.013585694
Itawatian O	4	2	0	la i a a	l a a maior or mada	
Iteration 9	w1	w2	w3	bias	Learning rate	
	0.527612672	0.601237556	-0.04933595	1	0.5	
	A	В	Target O	w1	w2	w3
	0	0		0.527612672		-0.04933595
	0	1			0.601237556	-0.04933595
		0			0.601237556	
	1	1		0.527612672		
				0.02.7012072	0.00120.000	0.0.1000000
Iteration 10	w1	w2	w3	bias	Learning rate	
	0.57281067				0.5	
	A	В	Target O	w1	w2	w3
	0	0	0	0.57281067	0.643606404	-0.11025743
	0	1	1	0.57281067	0.643606404	
	1	0	1	0.57281067	0.643606404	-0.11025743
	1	1	1	0.57281067	0.643606404	-0.11025743

	T							
				MSE calculate	d			
	+			0.333000142	·u			
	+			0.333000142				
1-1	٠.		D	MOE	2/1/2/01	2(0)(2(:-)	2(:-)/2(-4)	
bias		nput Agg	Predicted O			$\partial(O)/\partial(in)$	∂(in)/∂(w1)	
	1		0.622459331	0.19372781	0.622459331	0.235003712		0
	1		0.689974481	0.048057911	-0.31002552	0.213909697		0
	1	0.7	0.668187772	0.055049677	-0.33181223	0.221712873		1
	1	1	0.731058579	0.036164744	-0.26894142	0.196611933		1
				MSE calculate	d			
	Т			0.327961237				
	Т							
bias	lı	nput Agg	Predicted O	MSE term	∂(error)/∂(O)	$\partial(O)/\partial(in)$	∂(in)/∂(w1)	
		0.426859873			0.605123586		0(11)/0(11±)	0
			0.681357773	0.050766434	-0.31864223	0.217109358		0
		0.760018600		0.050700434	-0.31804223	0.217109338		1
								1
	1 (	0.996802127	0.730429374	0.036334161	-0.26957063	0.196902303		1
	4							
				MSE calculate	d			
				0.32287025				
bias	li	nput Agg	Predicted O	MSE term	∂(error)/∂(O)	∂(O)/∂(in)	$\partial$ (in)/ $\partial$ (w1)	
	1 (	0.354563026	0.587723662	0.172709551	0.587723662	0.242304559		0
	1 (	0.722311863	0.673115902	0.053426607	-0.3268841	0.220030885		0
	1 (	0.629481494	0.652371883	0.060422654	-0.34762812	0.226782809		1
	1 (	0.997230331	0.73051368	0.036311438	-0.26948632			1
				MSE calculate	d			
				0.317724958	· u			
	+			0.311124930				
hine	ı,	anut Agg	Predicted O	MSE term	3(orror)/3(O)	∂(∩)/∂(in)	a(in)/a(w1)	
bias		nput Agg				∂(O)/∂(in)	∂(in)/∂(w1)	0
		0.283358964						0
	1	0.6870701						0
		0.597695473			-0.35487111			1
	1 :	1.001406608	0.731335045	0.036090429	-0.26866496	0.196484097		1
				MSE calculate	d			
				0.312521535				
bias	lı	nput Agg	Predicted O	MSE term	∂(error)/∂(O)	$\partial(O)/\partial(in)$	∂(in)/∂(w1)	
		0.213474972						0
		0.654448448		0.058477825	-0.34198779	0.225032142		0
		0.568433151	0.638401554	0.065376718	-0.36159845	0.23084501		1
		1.009406627	0.732904009		-0.26709599			1
	I.	1.009400027	0.732904009	0.035070134	-0.20709599	0.195755723		_T

				MSE calculate	d			
				0.307255484				
bias		Input Agg	Predicted O	MSE term	$\partial$ (error)/ $\partial$ (O)	$\partial(O)/\partial(in)$	∂(in)/∂(w1)	
		0.145110925	0.536214206		0.536214206			0
	1	0.624563523	0.651255738	0.06081128	-0.34874426	0.227121702		0
	1	0.541805702	0.63223237	0.067626515	-0.36776763	0.2325146		1
	1	1.021258301	0.735217629	0.035054852	-0.26478237	0.194672667		1
				MSE calculate	d			
				0.301922653				
bias		Input Agg	Predicted O	MSE term	∂(error)/∂(O)	∂(O)/∂(in)	∂(in)/∂(w1)	
	1	0.078435763	0.519598894	0.134991505	0.519598894	0.249615883		0
	1	0.597492057	0.645082319	0.06298328	-0.35491768	0.228951121		0
	1	0.517886212	0.626653359	0.069693857	-0.37334664	0.233958927		1
	1	1.036942506	0.73825963	0.034254011	-0.26174037	0.193232349		1
				MSE calculate	d			
				0.296520194				
bias		Input Agg	Predicted O	MSE term	∂(error)/∂(O)	∂(O)/∂(in)	∂(in)/∂(w1)	
	1	0.013585694	0.503396371	0.126703953	0.503396371	0.249988465		0
	1	0.573271389	0.639517688	0.064973749	-0.36048231	0.230534815		0
	1	0.496710034	0.621685866	0.071560792	-0.37831413	0.23519255		1
	1	1.056395728	0.742001162	0.0332817	-0.25799884	0.191435438		1
				MSE calculate				
				0.291047362				
bias		Input Agg	Predicted O	MSE term		$\partial(O)/\partial(in)$	$\partial$ (in)/ $\partial$ (w1)	
	1				0.487668514			0
	1	0.00=00=00	0.634576666		-0.36542333			0
					-0.38265913			1
	1	1.079514279	0.746402054	0.032155959	-0.25359795	0.189286028		1
				MSE calculate				
				0.28550605				
			- "		24 1242	2(2)(2)	201 1120	
bias		Input Agg		MSE term	, , ,	$\partial(O)/\partial(in)$	$\partial$ (in)/ $\partial$ (w1)	
			0.472463532			0.249241743		0
	1		0.630263867			0.233031325		0
		0.462553236						1
	1	1.10615964	0.751412457	0.030897883	-0.24858754	0.186791777		1

			_					
			_					
∂(in)/∂(w2)		∂(in)/∂(w2)		∂(error)/∂(w1)	∂(error)/∂(w2)	∂(error)/∂(w3)	Learning rate	New w1
o ( <i>),</i> o ()	0	· ()/ · (=/	1	0		0.146280254	0.5	
	1		1	0			0.5	
			1	_				0.226702521
	0		1	-0.07356704		3.1 . 3 . 3 . 3	0.5	0.236783521
	1		1	-0.05287709	-0.05287709	0.146280254	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)		$\partial(\text{error})/\partial(\text{w1})$	∂(error)/∂(w2)	$\partial$ (error)/ $\partial$ (w3)	Learning rate	New w1
· (). · ()	0	- () ()	1	0	0		0.5	
	1		1	0		0.144593695	0.5	
	0		1	-0.07626989		0.144593695	0.5	0.274918468
	_		1					0.274918408
	1		1	-0.05307908	-0.05307908	0.144593695	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)		∂(error)/∂(w1)	∂(error)/∂(w2)	∂(error)/∂(w3)	Learning rate	New w1
	0	, , , ,	1	0	Ó		0.5	
	1		1	0	-	0.142408123	0.5	
	0		1	-0.07883608	1 1 1			0.314336508
			1	-0.053052		0.142408123	0.5	0.314330300
	1		Т	-0.053052	-0.053052	0.142408123	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)		$\partial$ (error)/ $\partial$ (w1)	$\partial$ (error)/ $\partial$ (w2)	∂(error)/∂(w3)	Learning rate	New w1
	0	, , , ,	1	Ó		0.139767986	0.5	
	1		1	0			0.5	
	0		1	-0.08124334		0.139767986		0.354958179
	1		1			0.139767986	0.5	0.554356113
	Τ		T	-0.05278839	-0.03278839	0.139707980	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)		$\partial (\text{error})/\partial (\text{w1})$	$\partial$ (error)/ $\partial$ (w2)	∂(error)/∂(w3)	Learning rate	New w1
	0		1	Ó			0.5	
	1		1	0		0.136728094	0.5	
	0		1			0.136728094		0.396694778
			T	-0.0034732		0.130120034	0.5	0.530034110
	1		1	0.05220557	-0.05228557	0.136728094	0.5	

∂(in)/∂(w2)		∂(in)/∂(w2)	∂(error)/∂(w1)	2(error)/2(w2)	∂(error)/∂(w3)	Learning rate	Νονν νν1
0(111)/0(WZ)	0	0(111 <i>)10</i> (442)	0(01101)/0(W1)	0(C1101)/0(WZ)	0.133350323	0.5	I VCVV VVI
	1	1	. 0	-0.07920739		0.5	
	<u>о</u>	1				0.5	0.42045045
							0.43945045
	1	1	-0.05154589	-0.05154589	0.133350323	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)	$\partial$ (error)/ $\partial$ (w1)	∂(error)/∂(w2)	∂(error)/∂(w3)	Learning rate	New w1
	0	1	. 0	0	0.129700137	0.5	
	1	1	. 0	-0.0812588	0.129700137	0.5	
	0	1	-0.08734778	0	0.129700137	0.5	0.483124339
	1	1	-0.05057671	-0.05057671	0.129700137	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)	$\partial$ (error)/ $\partial$ (w1)	∂(error)/∂(w2)	∂(error)/∂(w3)	Learning rate	New w1
0(111)/0(WZ)	0	0(111 <i>)10</i> (442)	. 0(01101)//0(W±)	0(01101)/0(W2)		0.5	I VC VV VVI
	1	1	. 0	-0.08310372		0.5	
	0	1	0.08897667				0.527612672
	1	1					0.527012072
			-0.04939012	-0.04939012	0.125843286	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)	$\partial$ (error)/ $\partial$ (w1)	∂(error)/∂(w2)		Learning rate	New w1
	0	1	. 0	0	0.121842971	0.5	
	1	1	. 0	-0.0847377	0.121842971	0.5	
	0	1	-0.090396	0	0.121842971	0.5	0.57281067
	1	1	-0.04800255	-0.04800255	0.121842971	0.5	
∂(in)/∂(w2)		∂(in)/∂(w2)	$\partial$ (error)/ $\partial$ (w1)	$\partial$ (error)/ $\partial$ (w2)	∂(error)/∂(w3)	Learning rate	New w1
	0	1			0.117757634	0.5	
	1				0.117757634	0.5	
	0	1					0.618614232
	1	1				0.5	J.02302 1202
	-		0.0101011	0.01040411	0.111737004		

New w2	New w3
	0.426859873
0.333158732	
New w2	New w3
0.0000	0.354563026
0.367748837	
New w2	New w3
11311 112	0.283358964
0.403711136	
New w2	New w3
0.4400=0.1=0	0.213474972
0.440973476	
New w2	New w3
	0.145110925
0.479452599	

NI	NI
New w2	New w3
	0.078435763
0.519056294	
New w2	New w3
14011 112	0.013585694
0.550005004	0.013363094
0.559685694	
New w2	New w3
	-0.04933595
0.601237556	
3.00223.000	
New w2	New w3
INGW WZ	
	-0.11025743
0.643606404	
New w2	New w3
	-0.16913625
0.686686454	