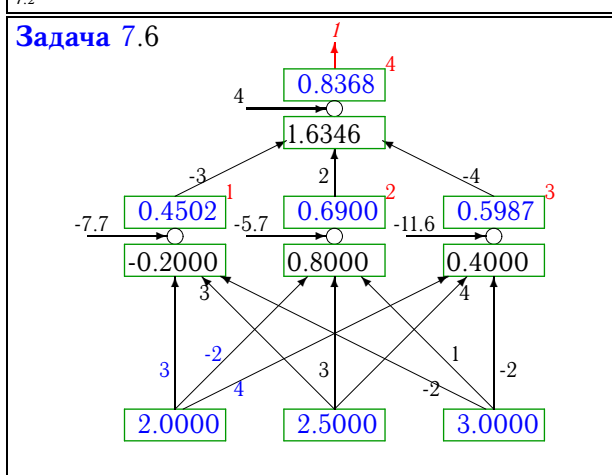
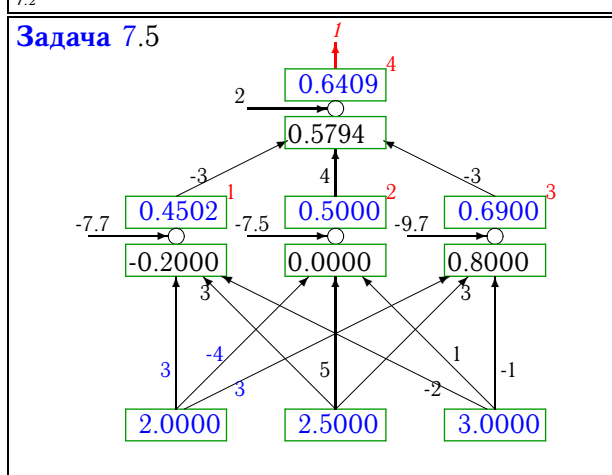
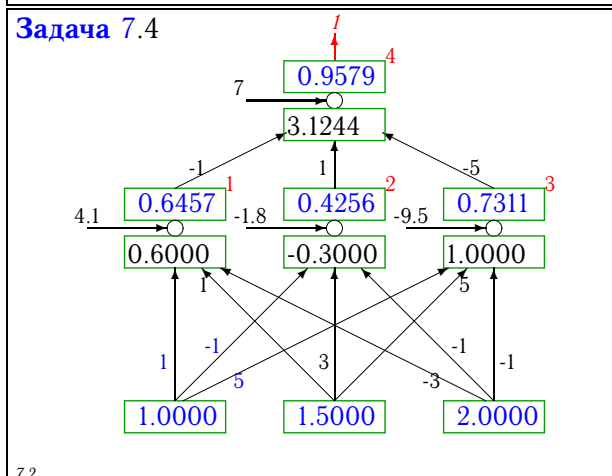
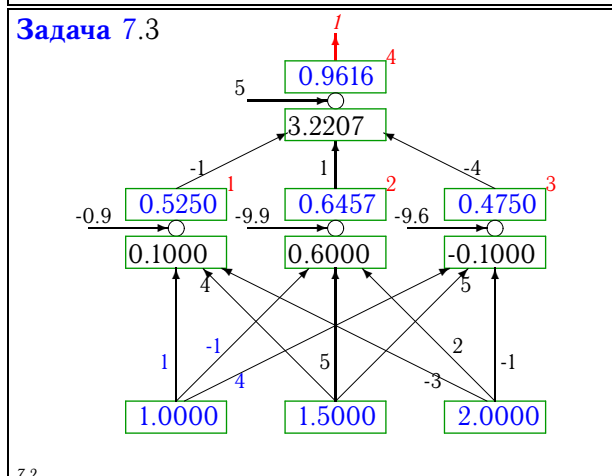
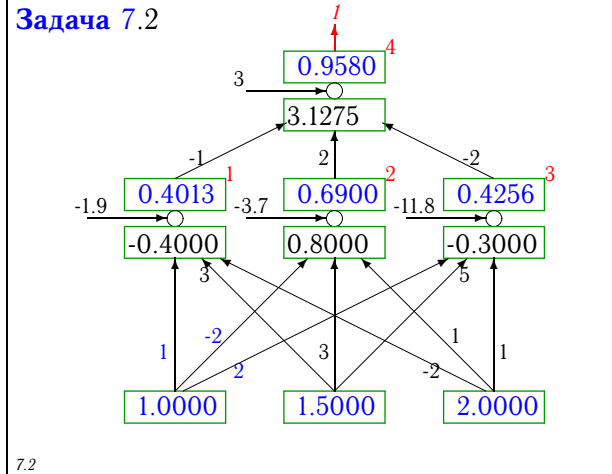
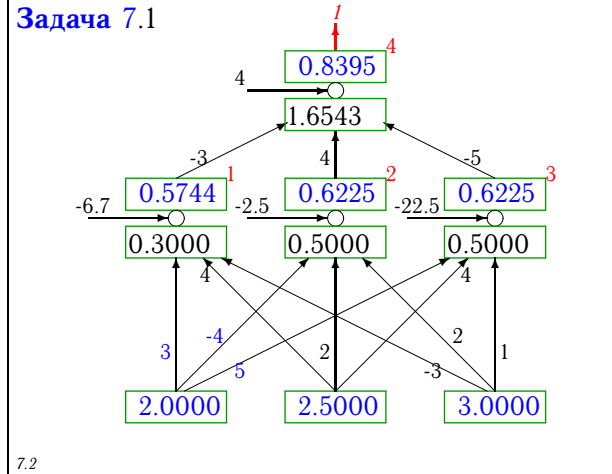
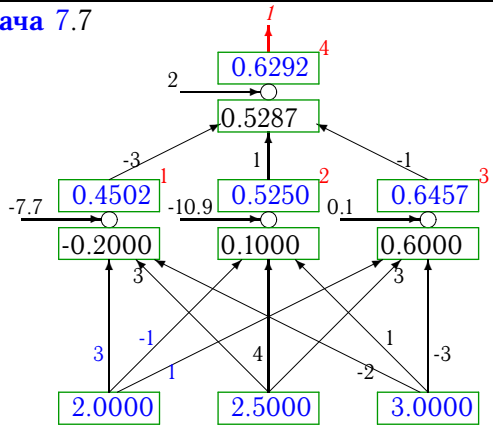


Алгоритм обратного распространения ошибок

Найти ошибки сети первого прохода

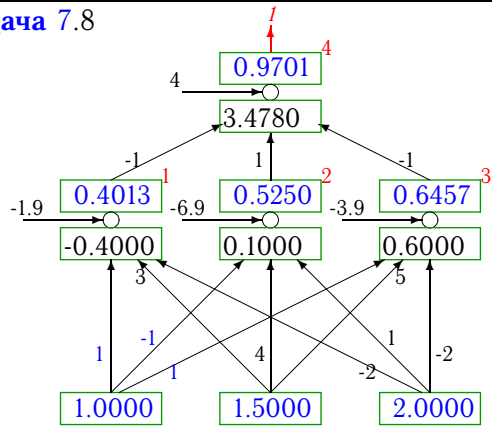


Задача 7.7



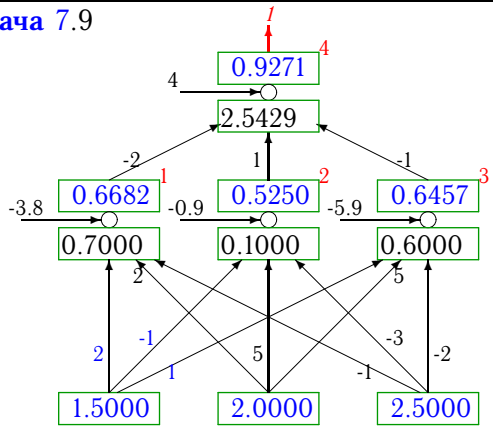
7.2

Задача 7.8



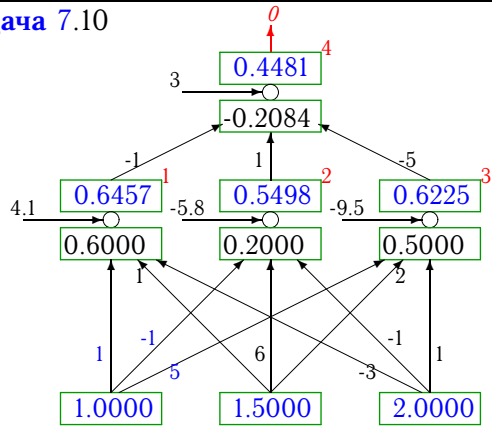
7.2

Задача 7.9



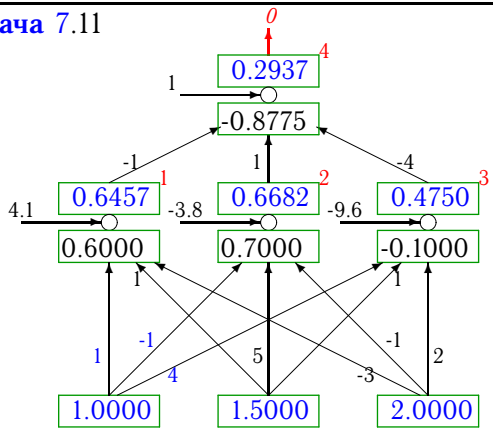
7.2

Задача 7.10



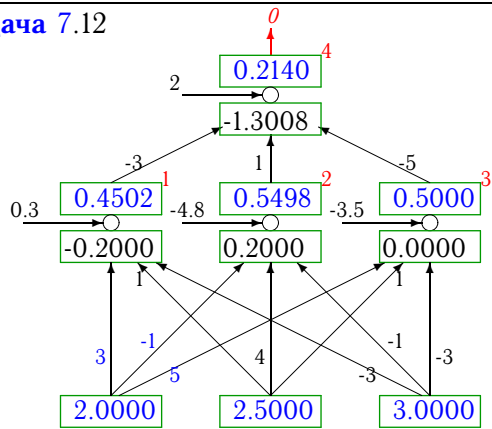
7.2

Задача 7.11



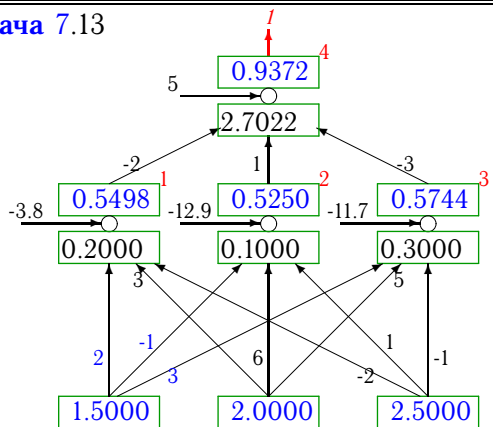
7.2

Задача 7.12



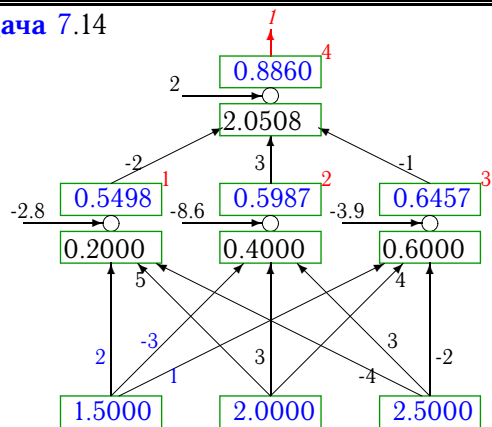
7.2

Задача 7.13



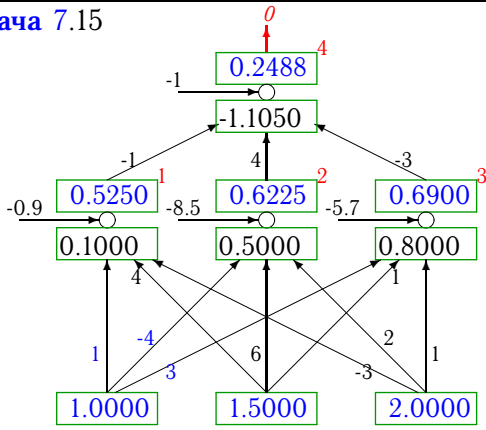
7.2

Задача 7.14



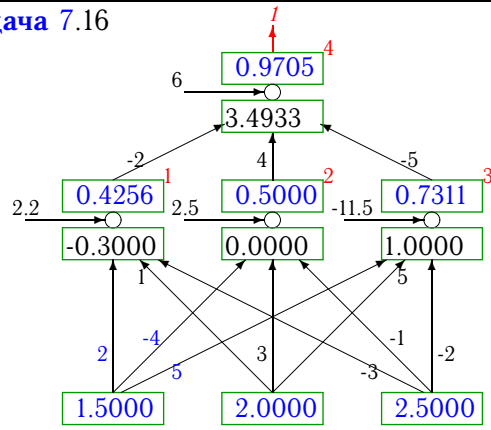
7.2

Задача 7.15



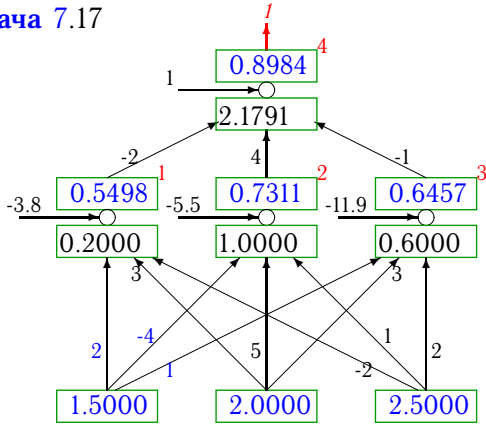
7.2

Задача 7.16



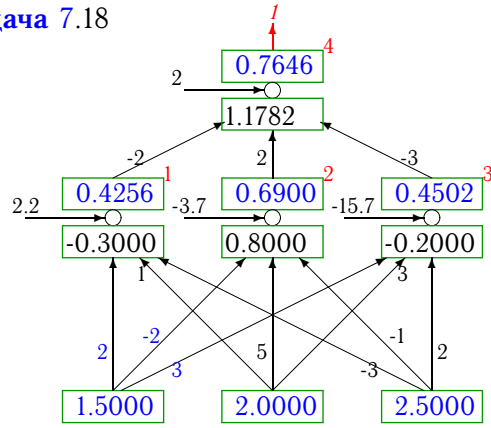
7.2

Задача 7.17



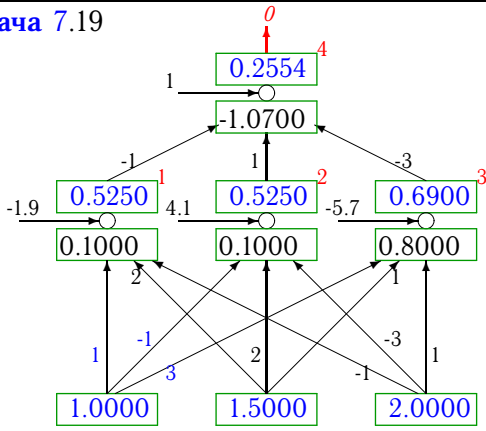
7.2

Задача 7.18



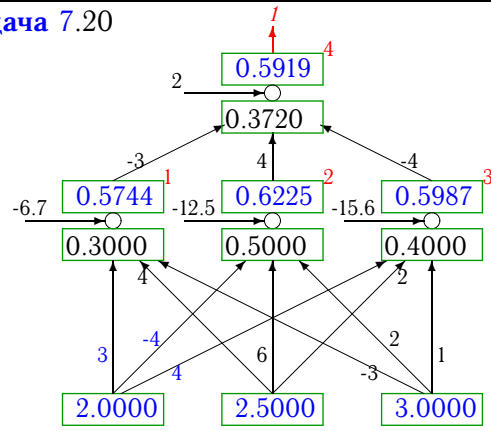
7.2

Задача 7.19



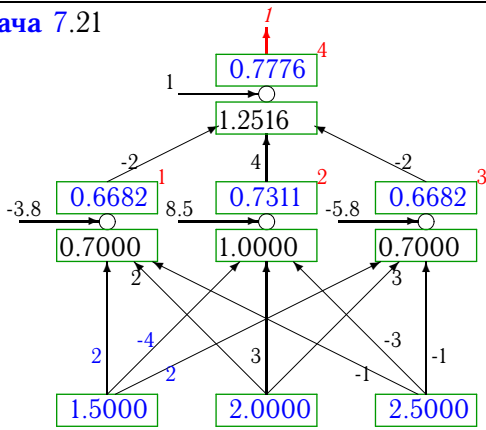
7.2

Задача 7.20



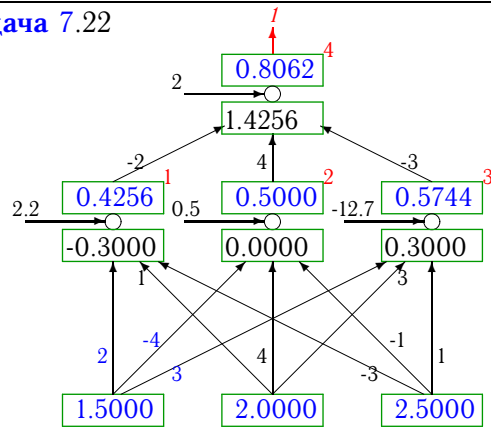
7.2

Задача 7.21



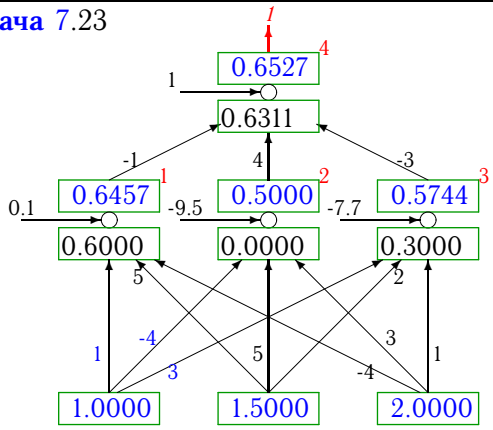
7.2

Задача 7.22



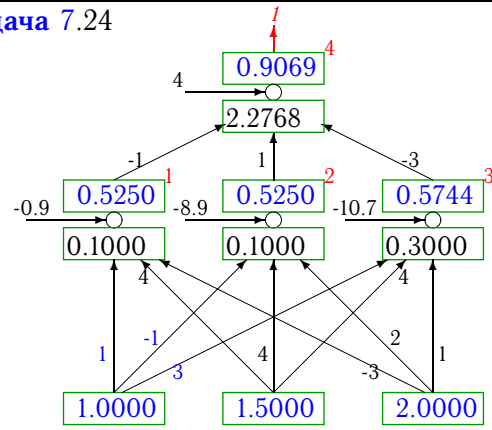
7.2

Задача 7.23



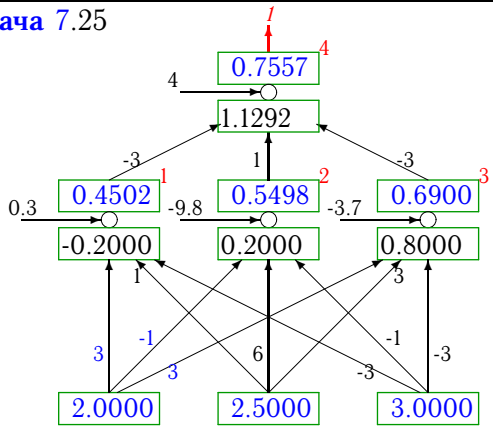
7.2

Задача 7.24



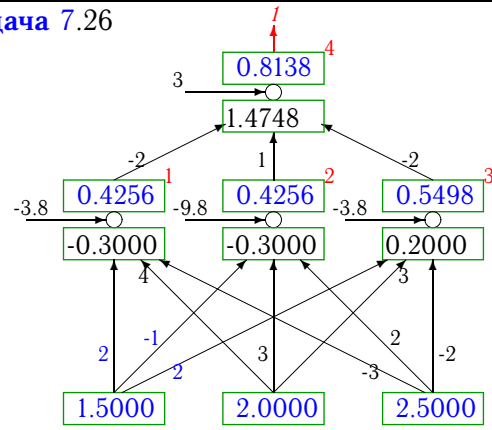
7.2

Задача 7.25



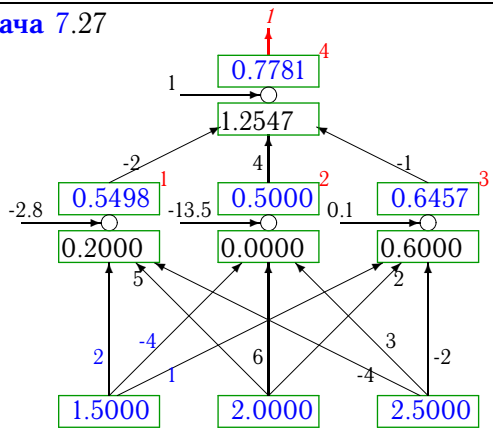
7.2

Задача 7.26



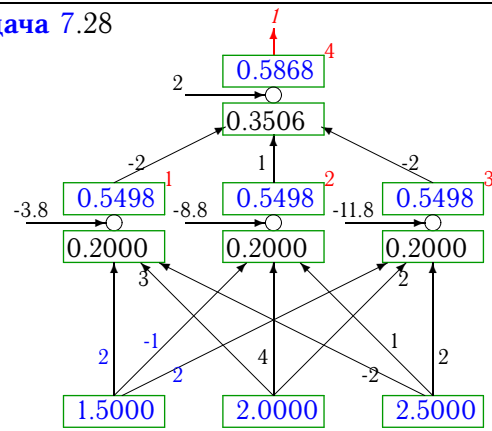
7.2

Задача 7.27



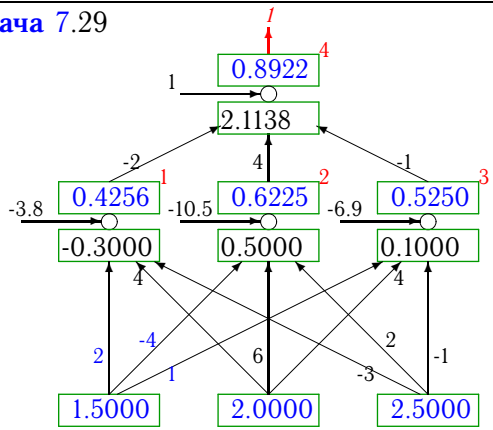
7.2

Задача 7.28



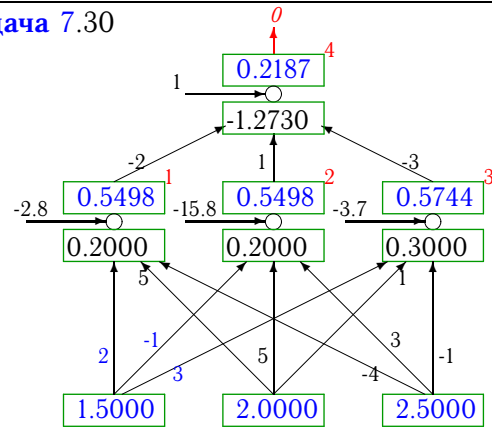
7.2

Задача 7.29



7.2

Задача 7.30



7.2

Алгоритм обратного распространения ошибок

	$\delta_4 \cdot 10^{-4}$	$\delta_1 \cdot 10^{-4}$	$\delta_2 \cdot 10^{-4}$	$\delta_3 \cdot 10^{-4}$
1	216	-159	203	-254
2	17	-4	7	-8
3	14	-4	3	-14
4	17	-4	4	-17
5	826	-614	826	-530
6	223	-165	95	-214
7	865	-642	216	-198
8	9	-2	2	-2
9	49	-22	12	-11
10	-1108	254	-274	1302
11	-609	139	-135	608
12	-360	267	-89	450
13	37	-18	9	-27
14	115	-57	83	-26
15	-465	116	-437	298
16	8	-4	8	-8
17	93	-46	73	-21
18	424	-207	181	-315
19	-486	121	-121	312
20	986	-723	927	-947
21	385	-171	302	-171
22	303	-148	303	-222
23	787	-180	787	-577
24	79	-20	20	-58
25	451	-335	112	-289
26	282	-138	69	-140
27	383	-190	383	-88
28	1002	-496	248	-496
29	104	-51	97	-26
30	-374	185	-92	274