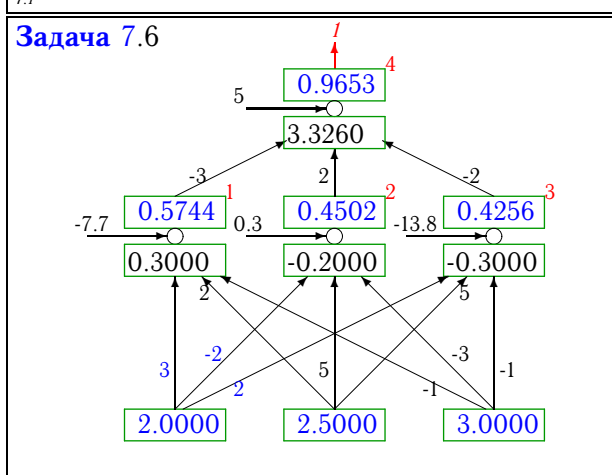
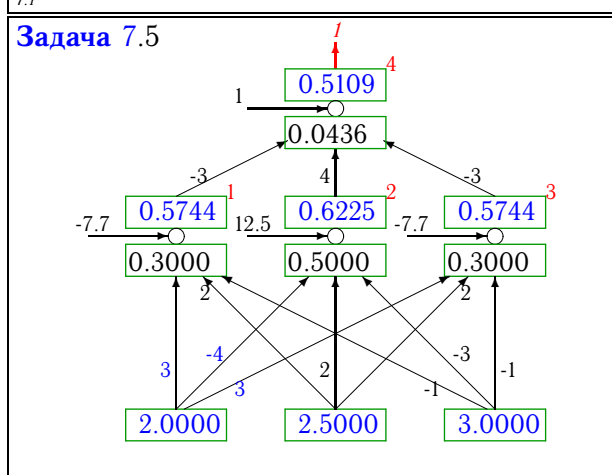
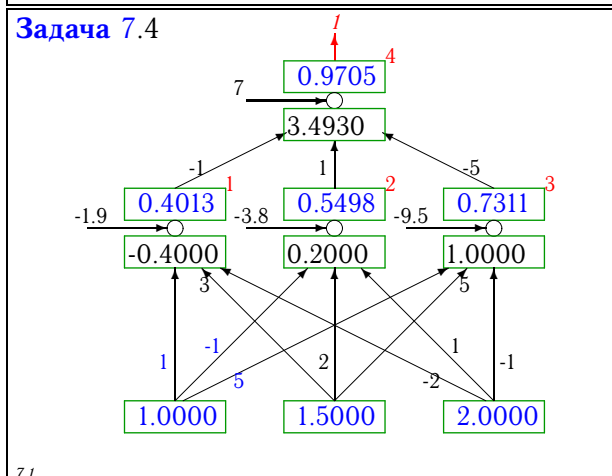
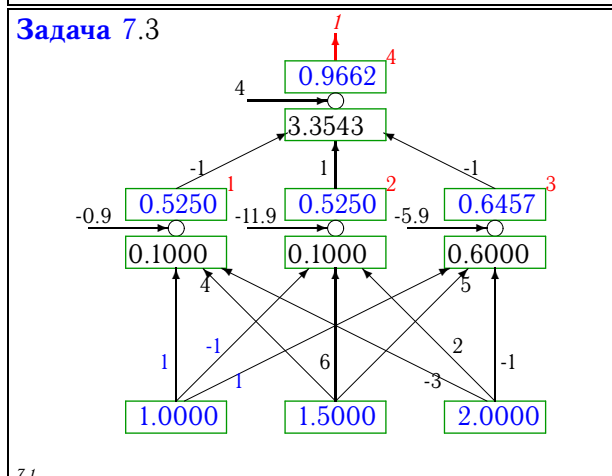
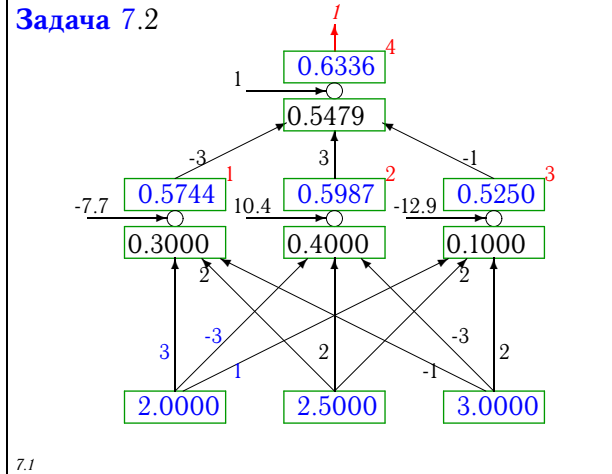
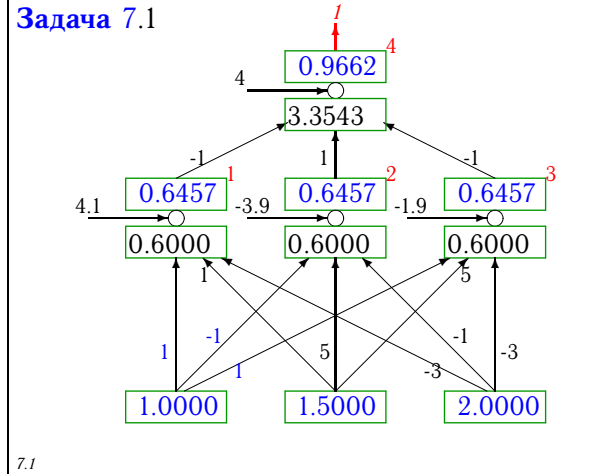
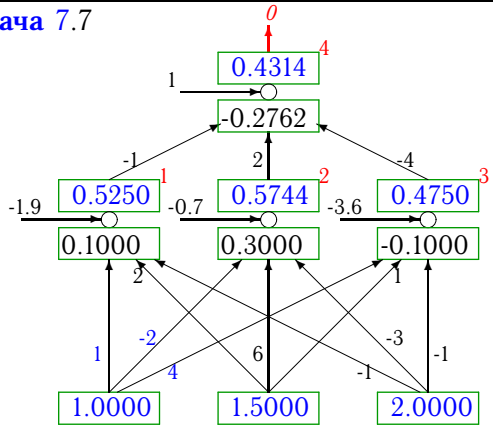


# Алгоритм обратного распространения ошибок

Найти ошибки сети первого прохода

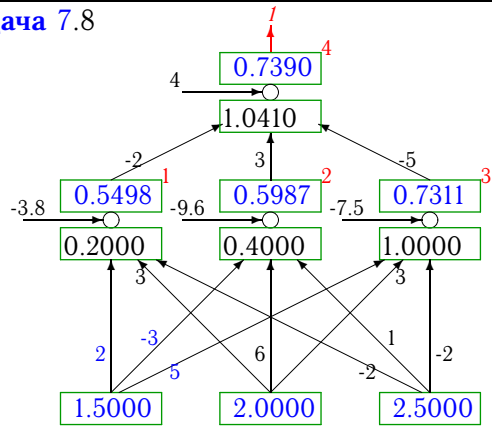


Задача 7.7



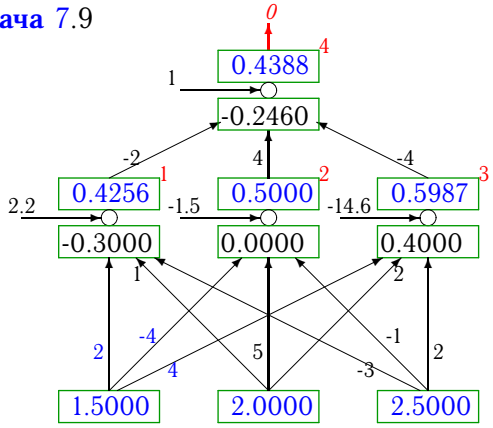
7.1

Задача 7.8



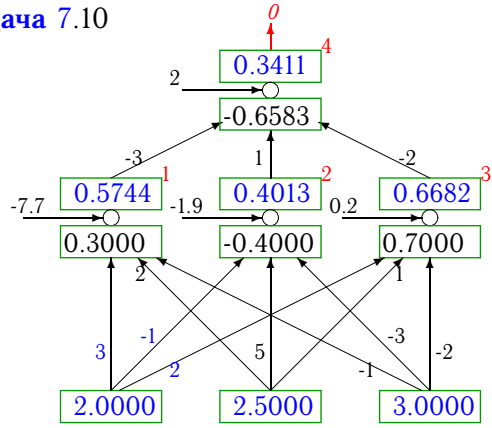
7.1

Задача 7.9



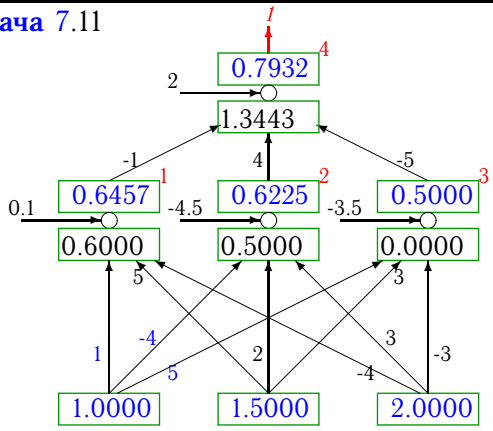
7.1

Задача 7.10



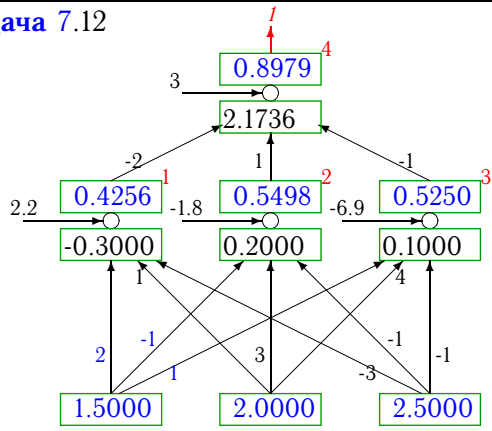
7.1

Задача 7.11



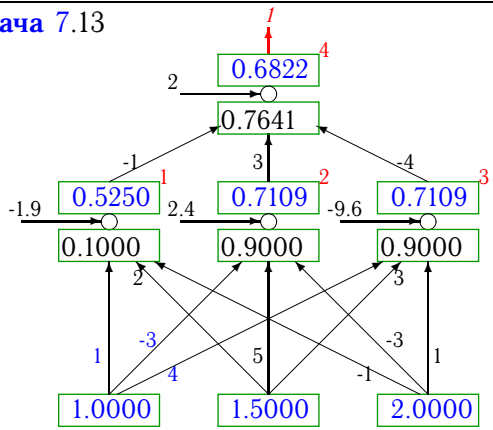
7.1

Задача 7.12



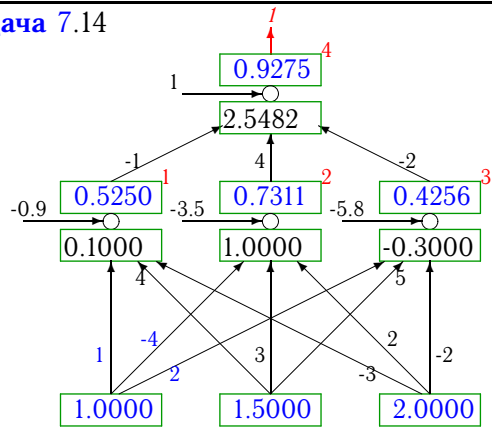
7.1

Задача 7.13



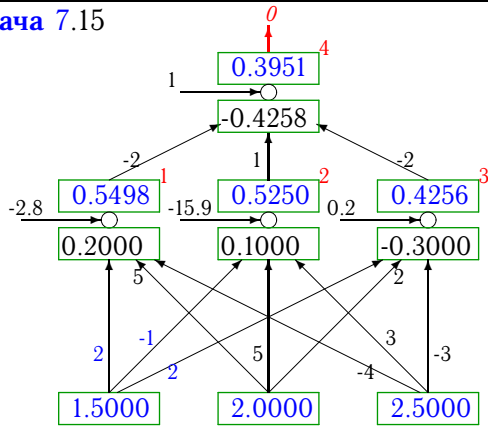
7.1

Задача 7.14



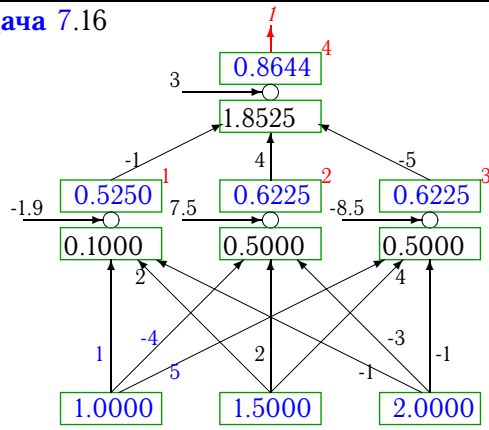
7.1

Задача 7.15



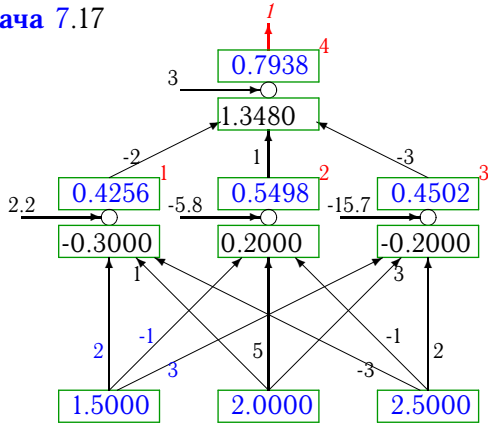
7.1

Задача 7.16



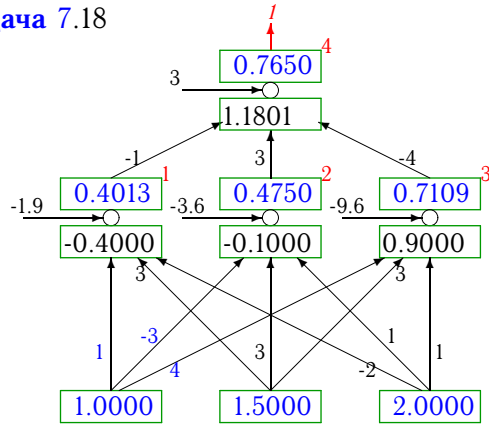
7.1

Задача 7.17



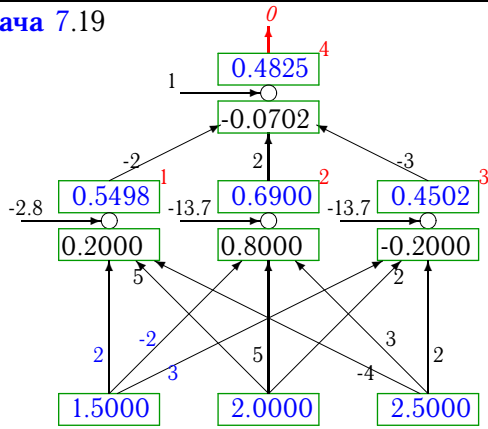
7.1

Задача 7.18



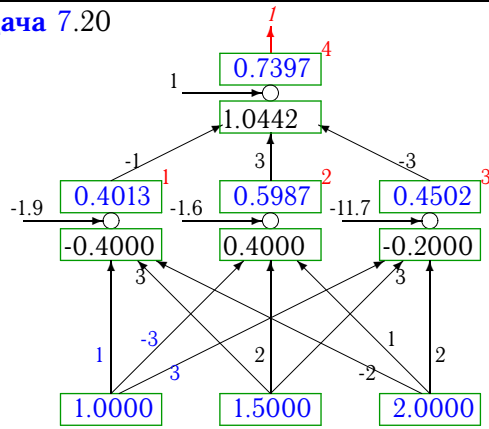
7.1

Задача 7.19



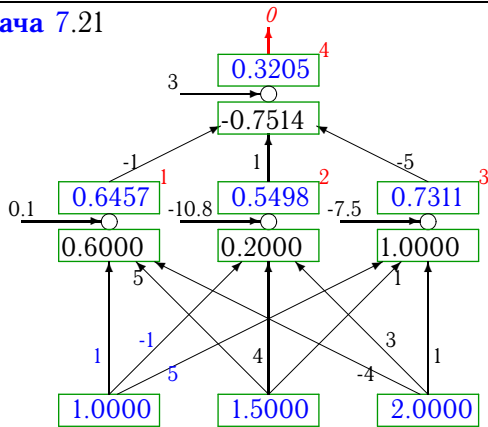
7.1

Задача 7.20



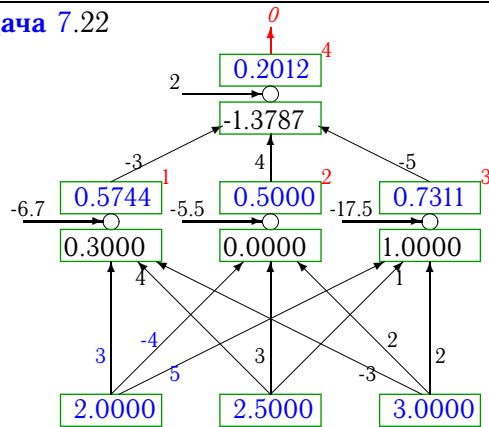
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Задача 7.21



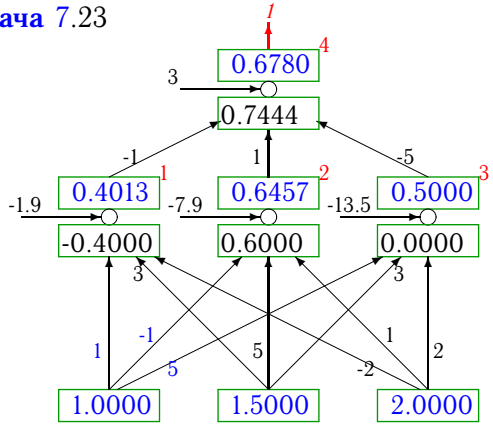
7.1

Задача 7.22



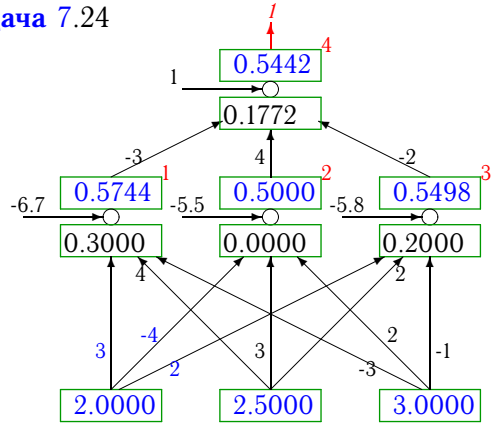
7.1

Задача 7.23



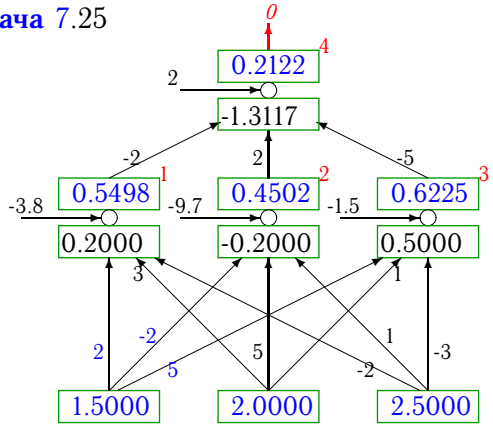
7.1

Задача 7.24



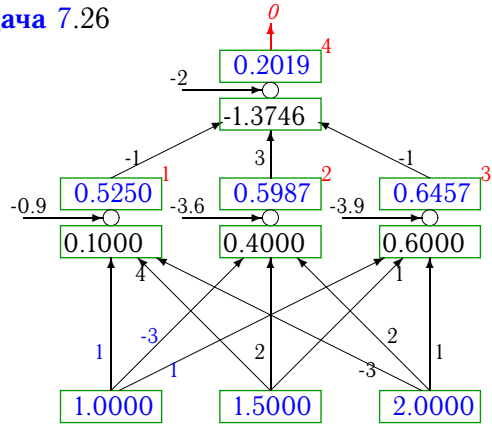
7.1

Задача 7.25



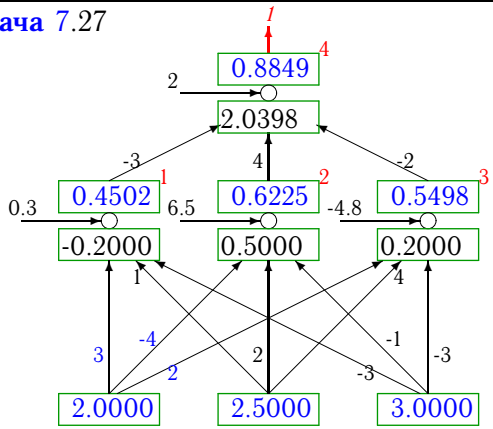
7.1

Задача 7.26



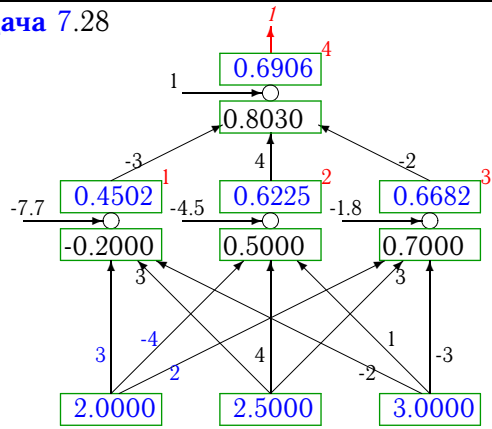
7.1

Задача 7.27



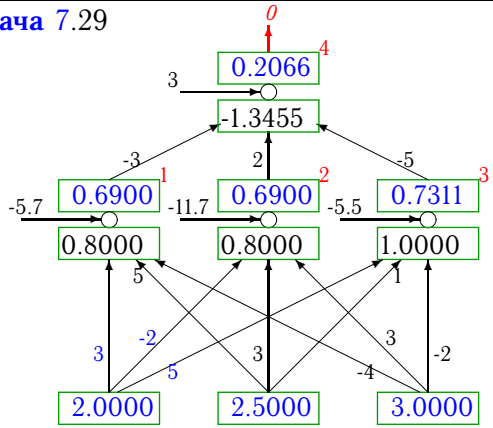
7.1

Задача 7.28



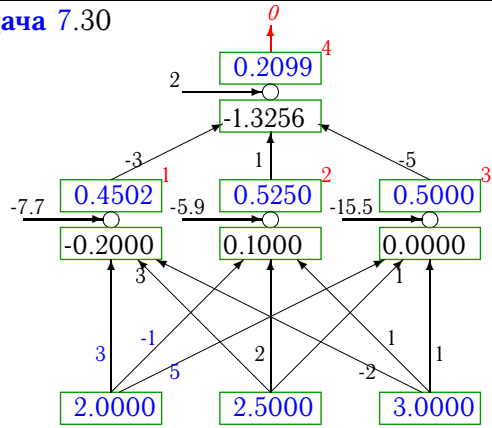
7.1

Задача 7.29



7.1

Задача 7.30



7.1

**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	11	-3	3	-3
2	851	-624	613	-212
3	11	-3	3	-3
4	8	-2	2	-8
5	1222	-896	1149	-896
6	12	-9	6	-6
7	-1058	264	-517	1056
8	503	-249	363	-495
9	-1081	528	-1081	1038
10	-767	562	-184	340
11	339	-78	319	-424
12	94	-46	23	-23
13	689	-172	425	-566
14	49	-12	38	-24
15	-944	467	-235	462
16	159	-40	149	-187
17	338	-165	84	-251
18	422	-102	316	-347
19	-1205	596	-515	895
20	501	-120	361	-372
21	-698	160	-173	686
22	-323	237	-323	318
23	703	-169	161	-879
24	1131	-829	1131	-560
25	-355	176	-176	417
26	-325	81	-234	74
27	117	-87	110	-58
28	661	-491	621	-293
29	-339	217	-145	333
30	-348	258	-87	435