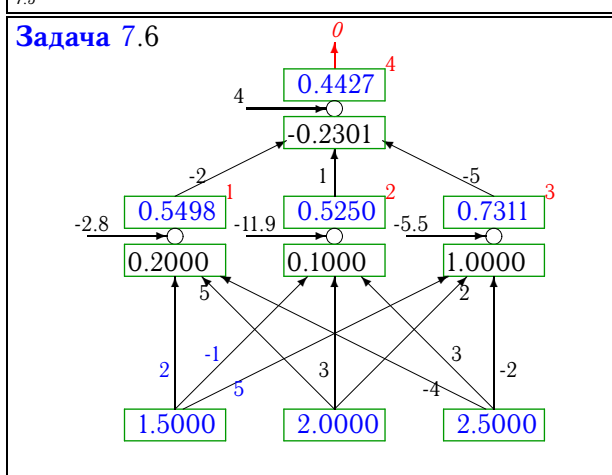
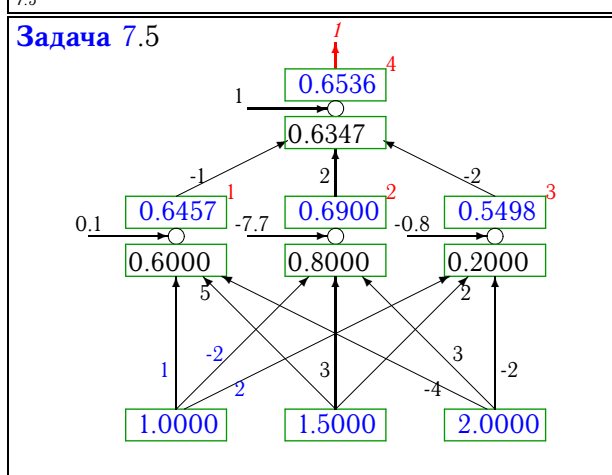
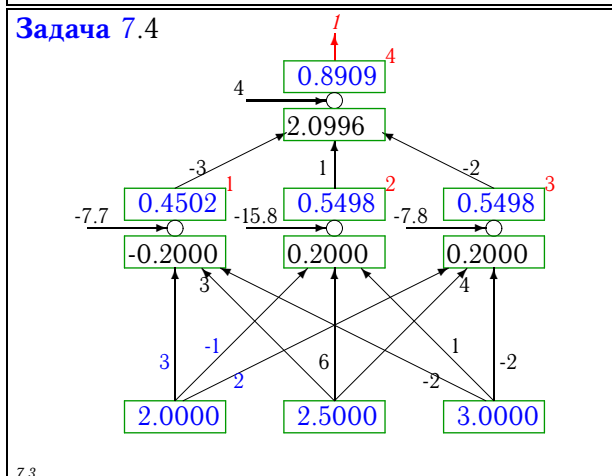
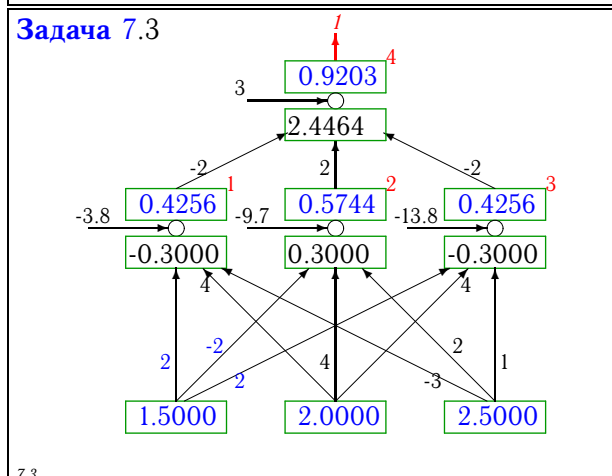
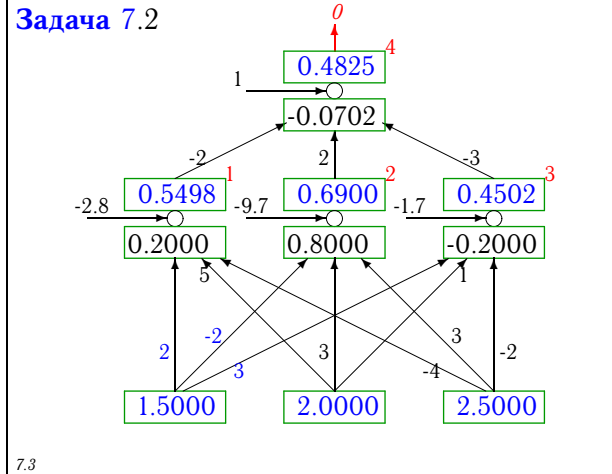
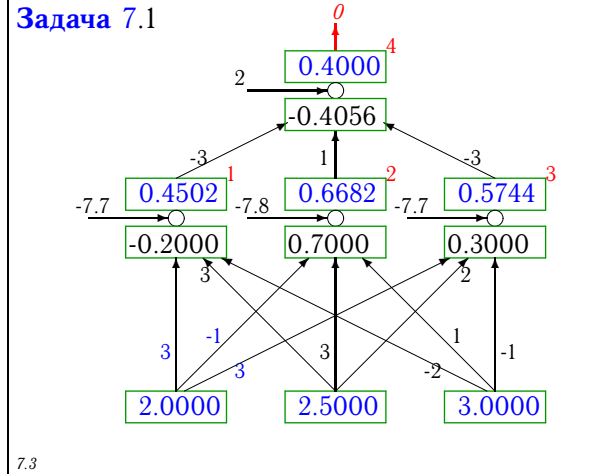
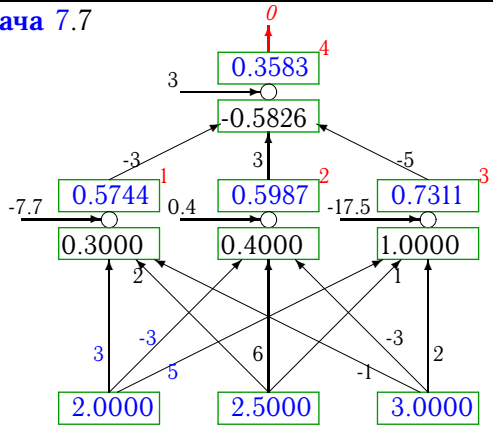


# Алгоритм обратного распространения ошибок

Найти ошибки сети первого прохода

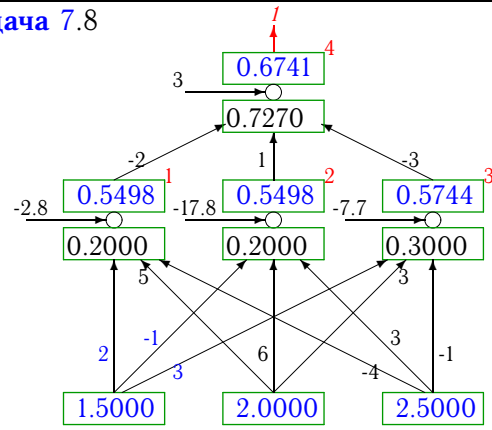


Задача 7.7



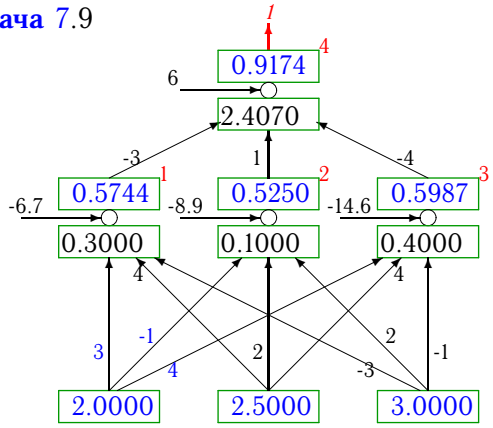
7.3

Задача 7.8



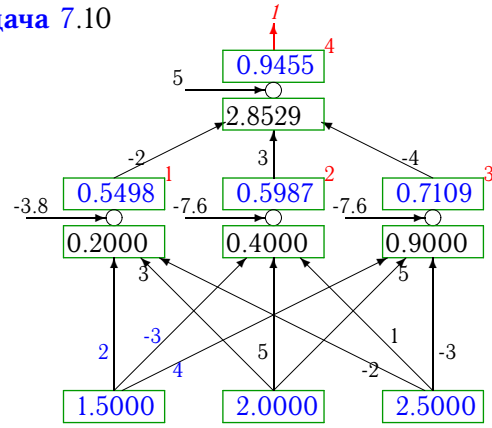
7.3

Задача 7.9



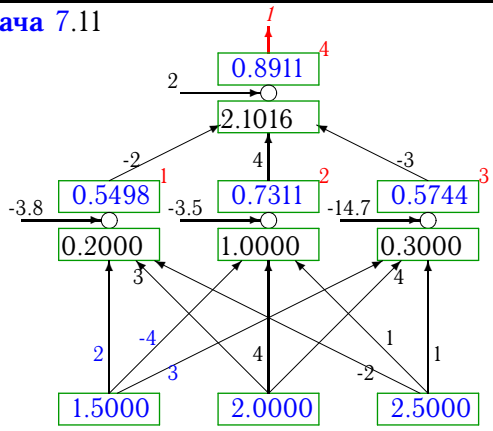
7.3

Задача 7.10



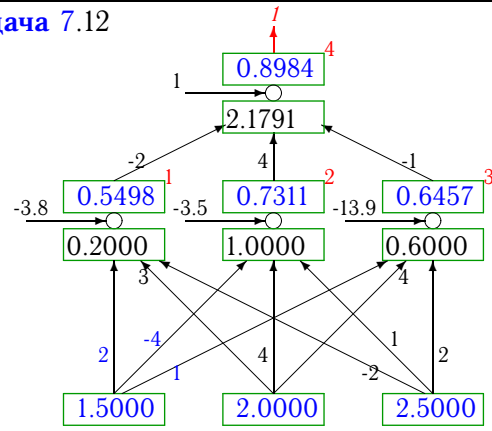
7.3

Задача 7.11



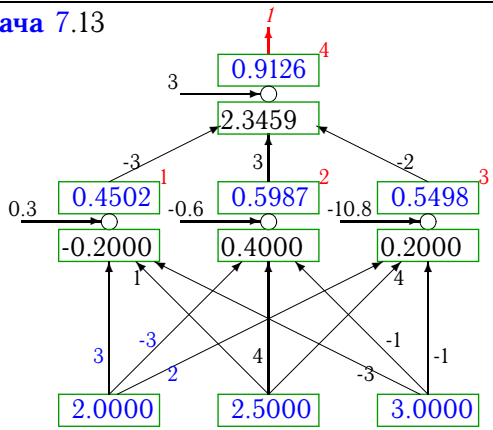
7.3

Задача 7.12



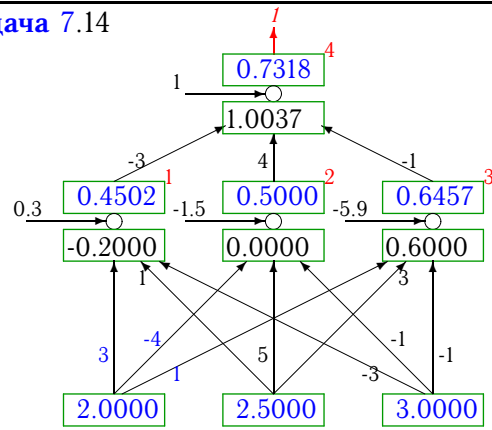
7.3

Задача 7.13



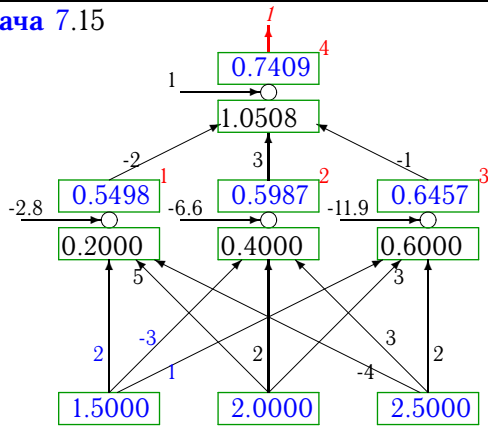
7.3

Задача 7.14



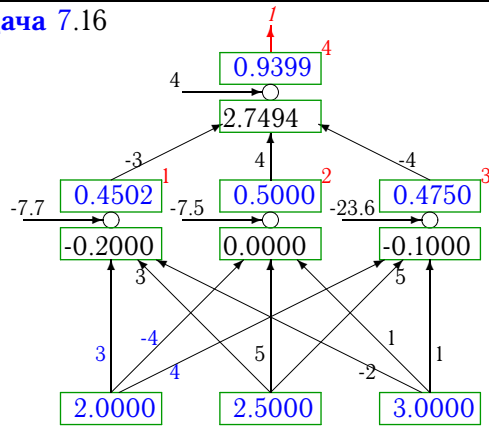
7.3

Задача 7.15



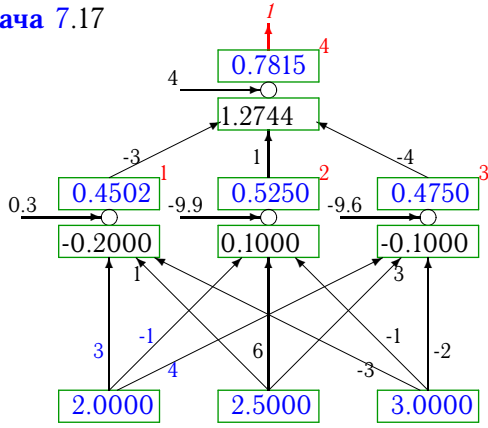
7.3

Задача 7.16



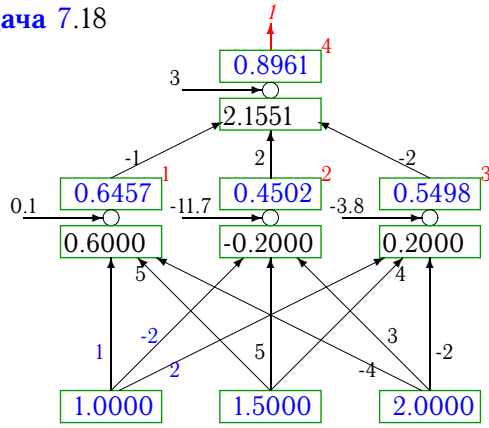
7.3

Задача 7.17



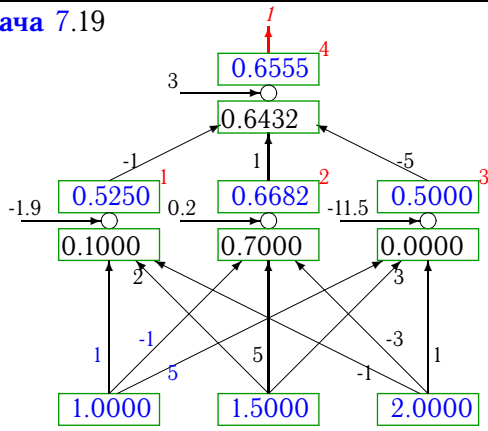
7.3

Задача 7.18



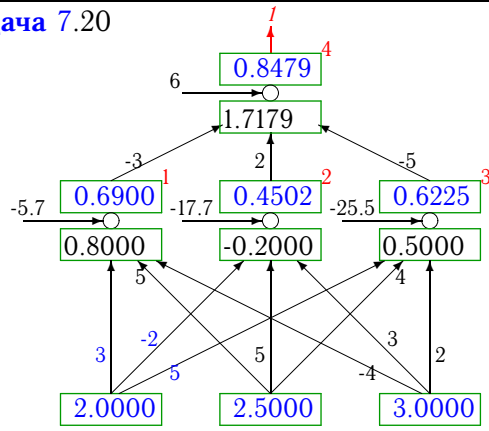
7.3

Задача 7.19



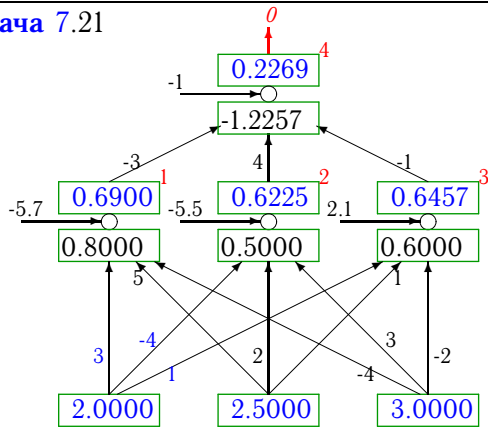
7.3

Задача 7.20



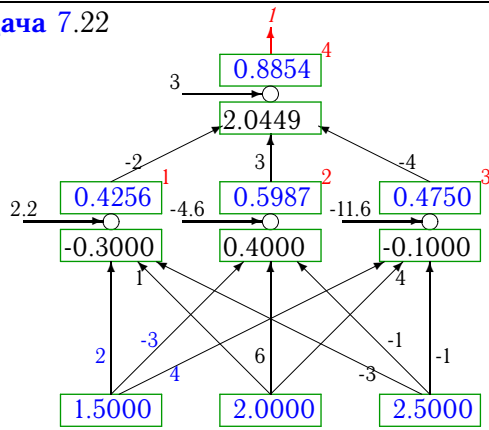
7.3

Задача 7.21



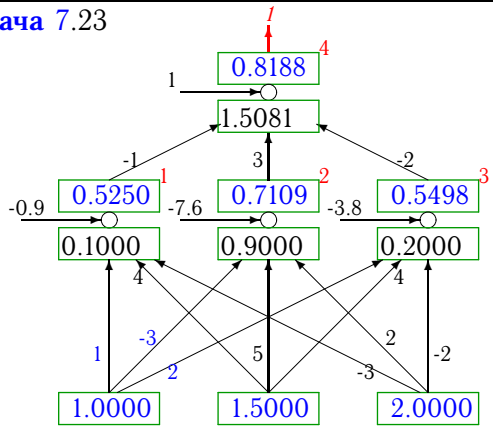
7.3

Задача 7.22



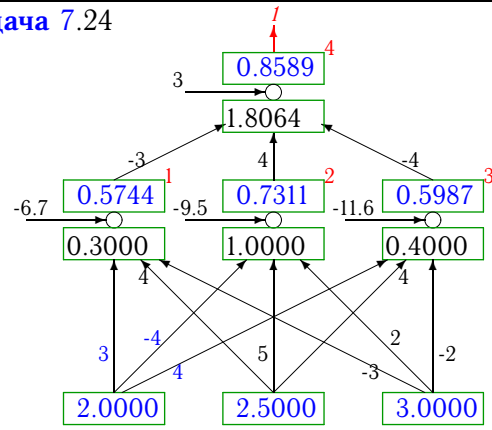
7.3

Задача 7.23



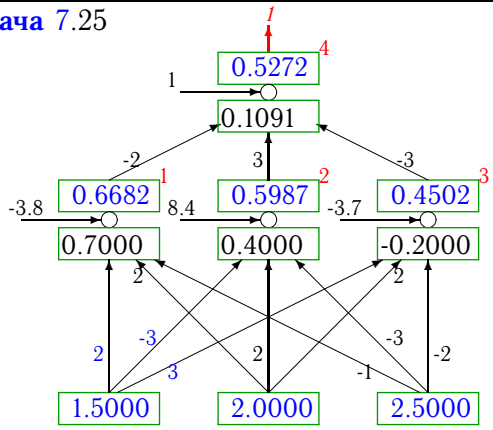
7.3

Задача 7.24



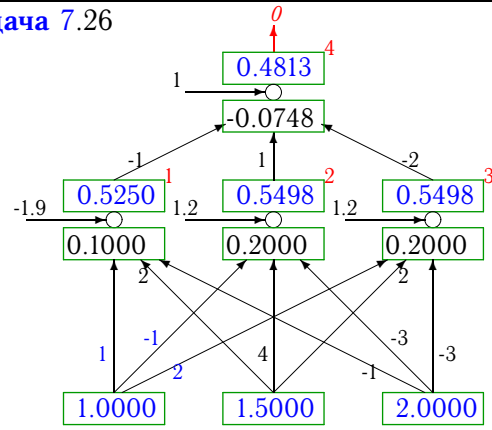
7.3

Задача 7.25



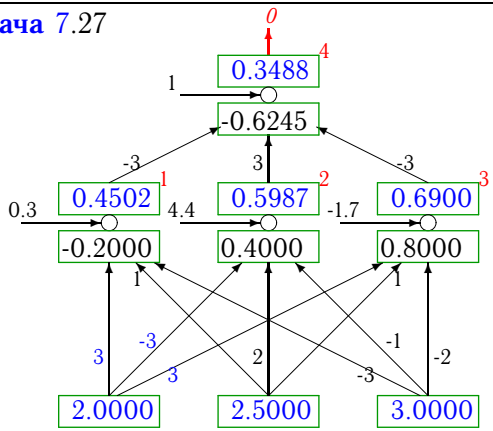
7.3

Задача 7.26



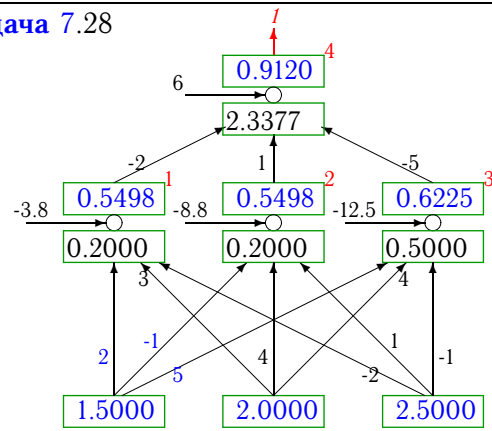
7.3

Задача 7.27



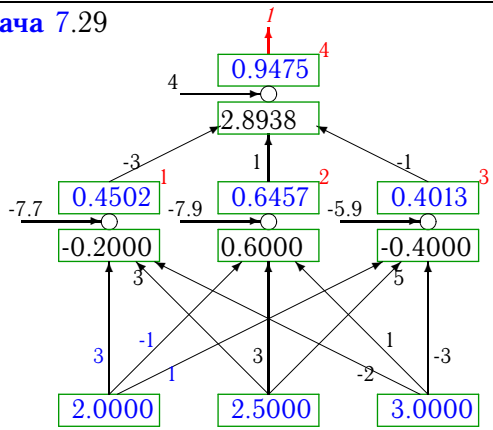
7.3

Задача 7.28



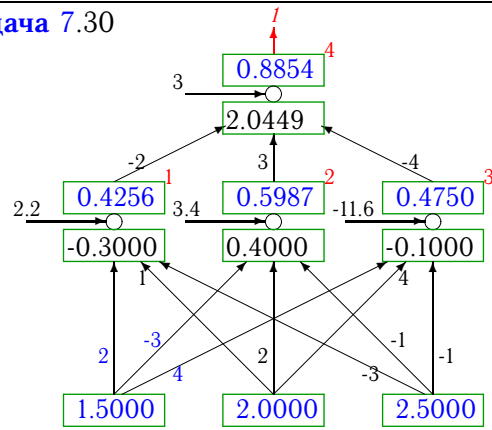
7.3

Задача 7.29



7.3

Задача 7.30



7.3

**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	-960	713	-213	704
2	-1205	596	-515	895
3	58	-29	29	-29
4	106	-79	26	-52
5	784	-179	336	-388
6	-1092	541	-272	1074
7	-824	604	-594	810
8	716	-354	177	-525
9	63	-46	16	-60
10	28	-14	20	-23
11	106	-52	83	-78
12	93	-46	73	-21
13	70	-52	50	-35
14	526	-391	526	-120
15	497	-246	359	-114
16	34	-25	34	-34
17	373	-277	93	-372
18	97	-22	48	-48
19	778	-194	172	-972
20	196	-126	97	-230
21	-398	255	-374	91
22	116	-57	84	-116
23	269	-67	166	-133
24	171	-125	134	-164
25	1179	-523	849	-875
26	-1202	300	-297	595
27	-792	588	-571	508
28	71	-35	17	-83
29	26	-19	6	-6
30	116	-57	84	-116