

Appendix A. Examples of the best networks obtained

Dataset: Parkinson

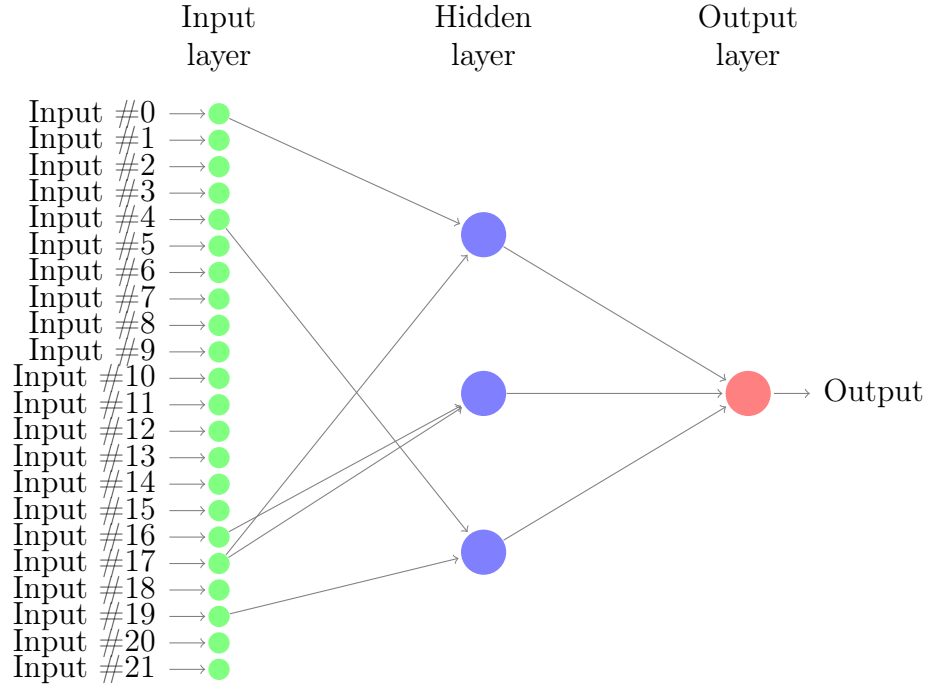
Configuration: β_2

Accuracy of design: 0.8762

Accuracy of test: 0.9183

Corresponding word:

0@+006.19,05.09(17@-905.03,04.46(o@+919.47,01.06{
17@-865.36,01.08(16@-785.57,03.96(o@+241.11,06.99{
4@+677.06,00.44(19@-935.31,02.36(o@+054.47,00.29{



Dataset: Iris Plant

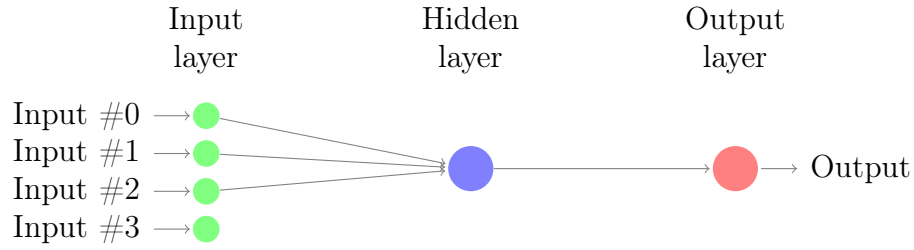
Configuration: γ_2

Accuracy of design: 1.0000

Accuracy of test: 0.9600

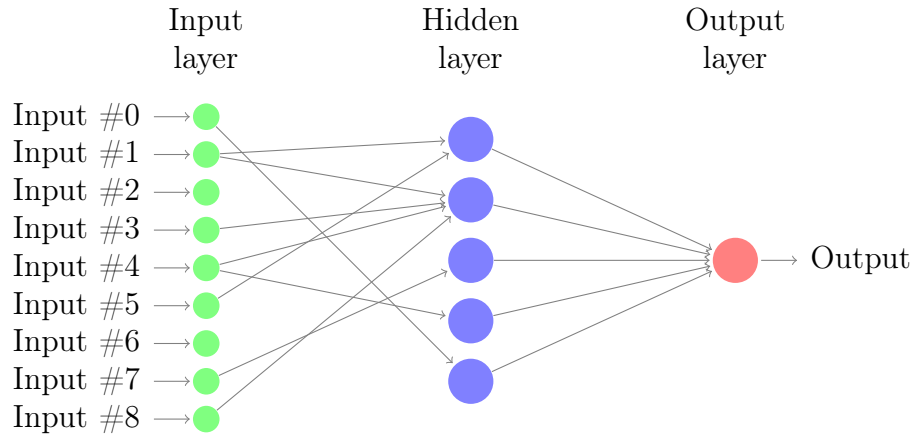
Corresponding word:

2@+626.94,08.32(1@-829.47,07.16(0@-057.27,05.57(o@+428.91,00.63{



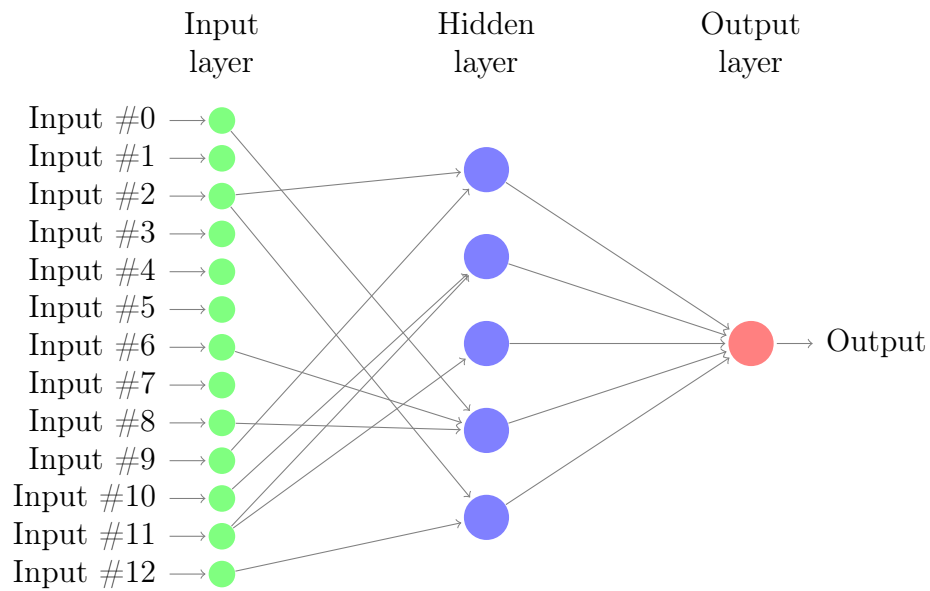
Dataset: Fertility
Configuration: γ_2
Accuracy of design: 0.92
Accuracy of test: 0.92
Corresponding word:

5@+771.61,11.57(1@-322.51,11.54(o@+109.55,03.11{
3@-133.67,03.16(1@+085.76,07.24(8@+279.02,07.03(4@+534.86,00.63(o@+199.01,02.23{
7@-703.42,16.37(o@-735.66,10.81{
4@-018.37,12.29(o@-995.42,13.94{
0@-016.79,04.69(o@+822.55,09.71{



Dataset: Wine
Configuration: γ_2
Accuracy of design: 1.0000
Accuracy of test: 0.8333
Corresponding word:

9@+378.67,07.72(2@+493.12,05.28(o@+029.66,03.64{
 11@+445.42,15.37(10@+485.27,13.04(o@-245.21,13.84{
 11@+389.39,10.02(o@-846.47,00.89{
 6@-656.89,05.94(8@+033.62,01.37(0@-382.17,06.39(o@+636.03,01.53{
 12@-006.61,04.22(2@+139.17,08.21(o@+423.19,03.45{



Dataset: Balance Scale

Configuration: γ_2

Accuracy of design: 0.9071

Accuracy of test: 0.8498

Corresponding word:

2@+495.07,05.92(0@-508.06,05.63(3@+426.12,05.21(1@-616.39,06.95(o@+695.78,03.23{
 0@+976.28,18.74(o@-807.75,08.41{
 2@-944.25,17.81(o@+170.28,07.29{

