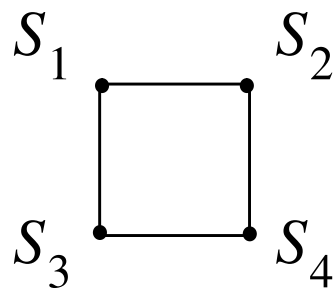


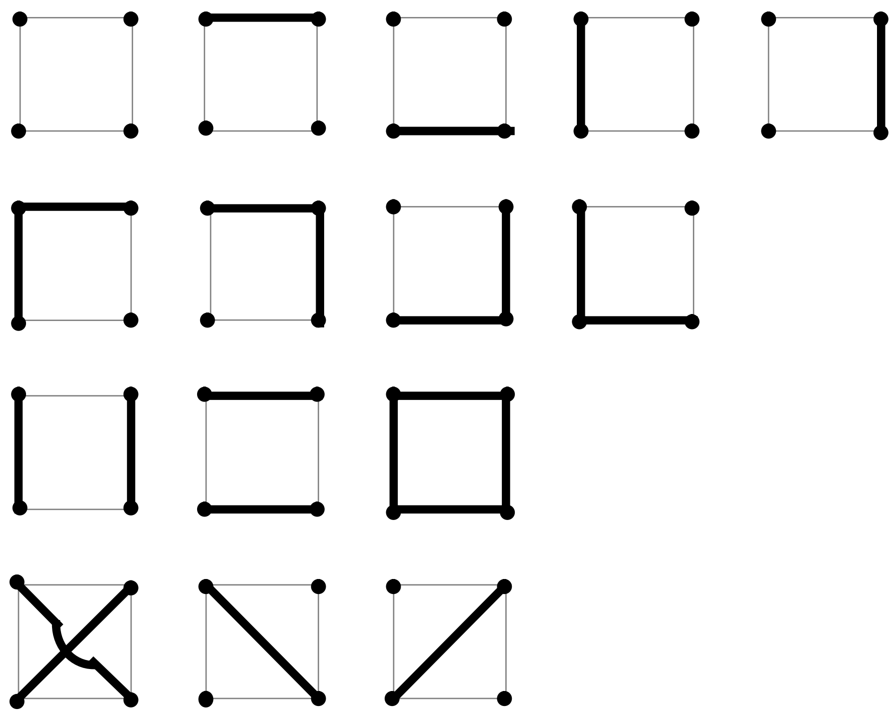


Fig3

$$e^{-\beta\,(2 - s_1 s_2 - s_2 s_3)} =$$

$$+p_0$$

$$+p_1 \delta_{s_2,\, s_3}$$

$$+p_2 \delta_{s_1,\, s_3}$$

$$+p_3 \delta_{s_1,\, s_2}$$

$$+p_4 \delta_{s_1,\, s_2} \delta_{s_2,\, s_3}$$

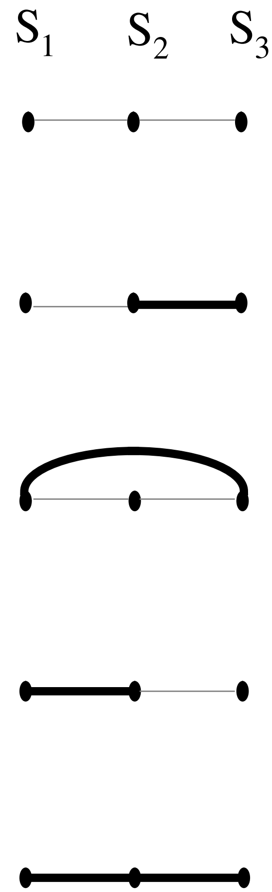


Fig2

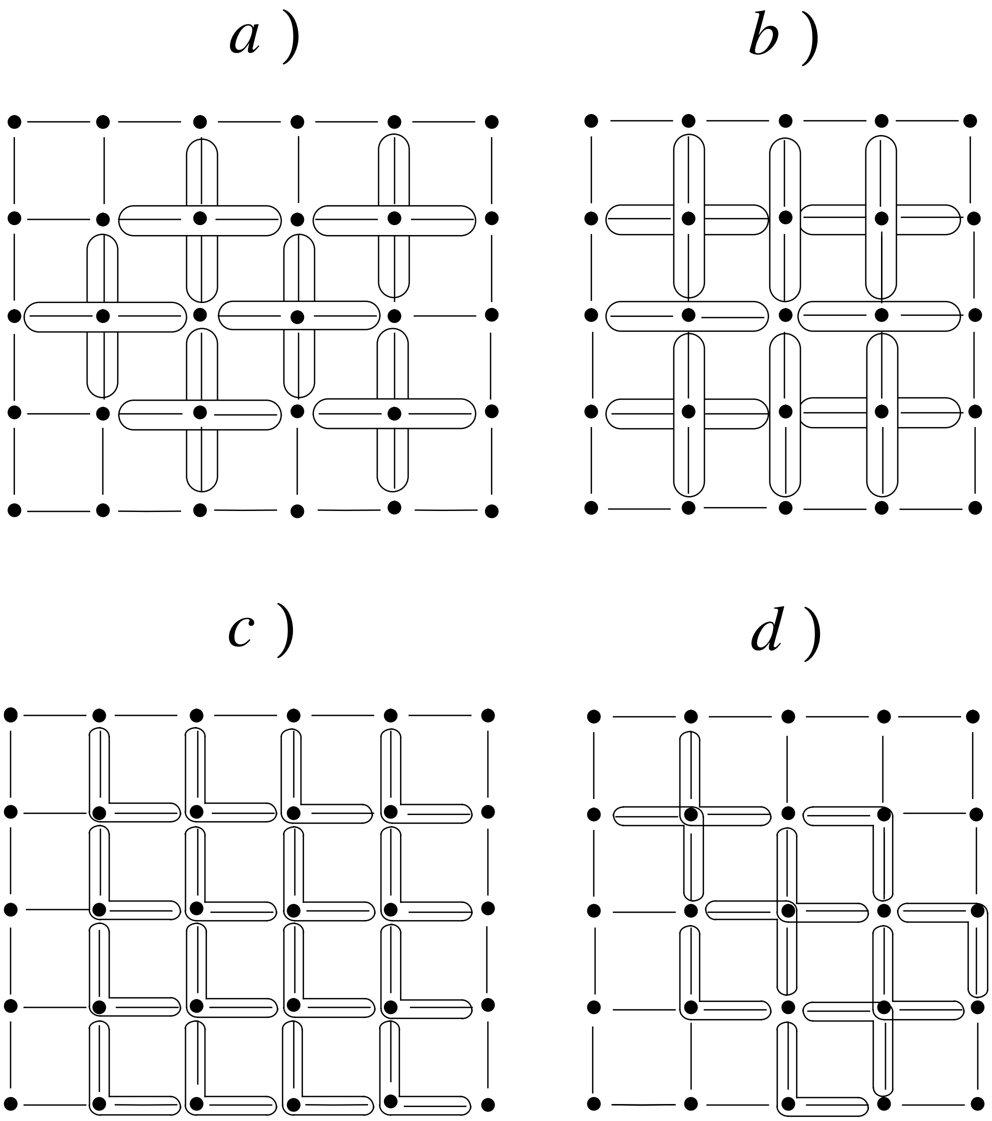


Fig1

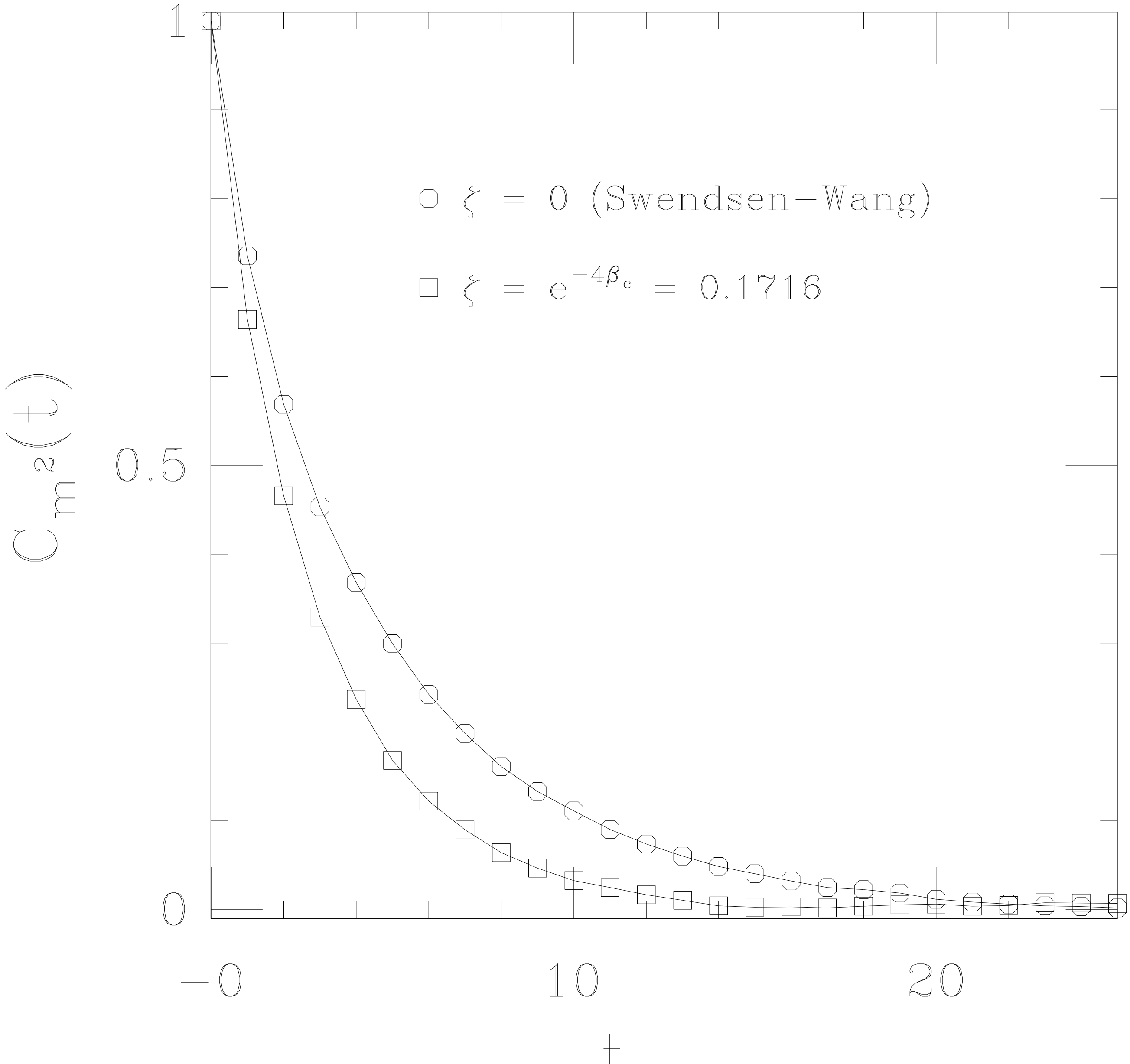


fig4a

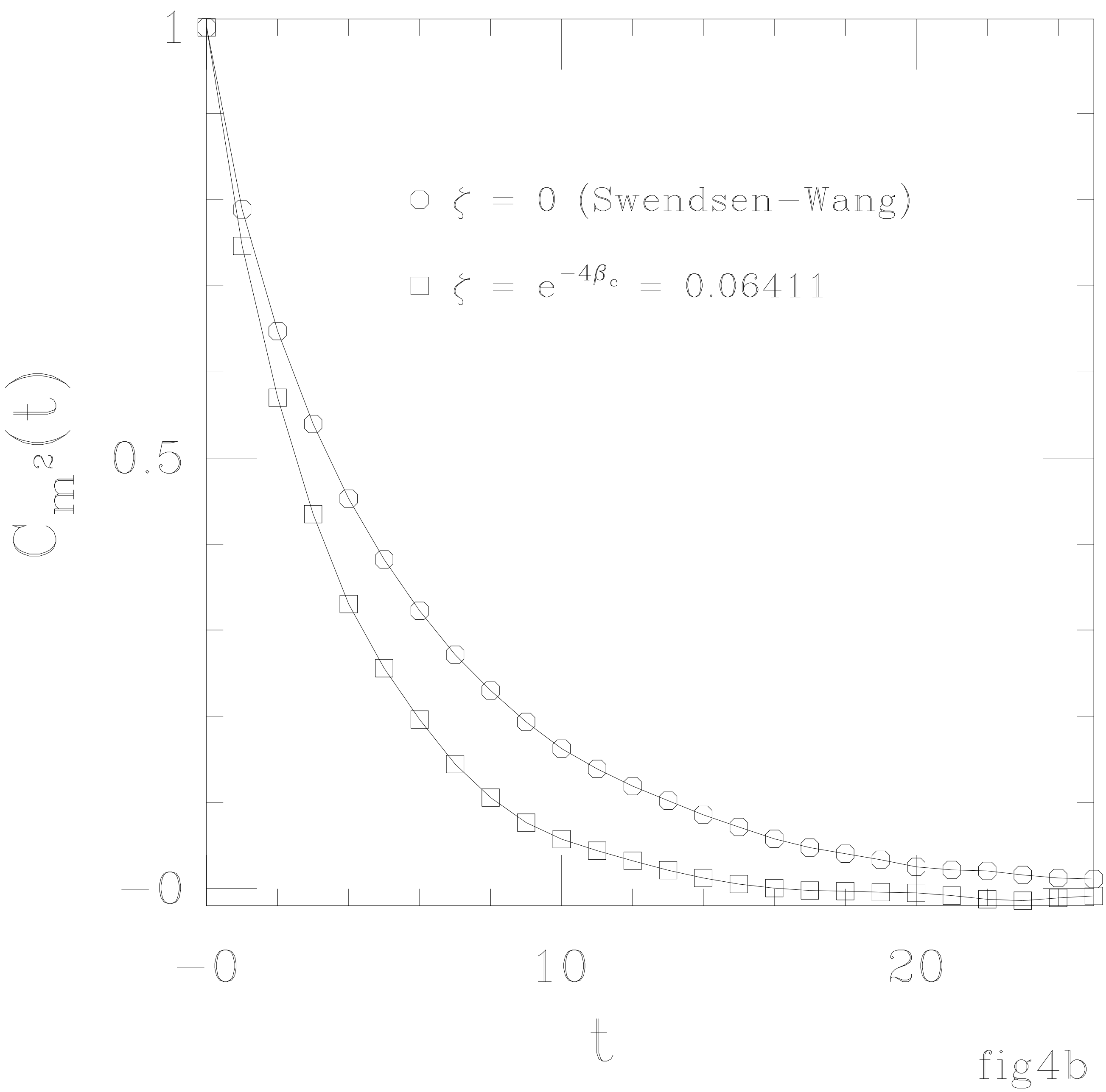


fig4b

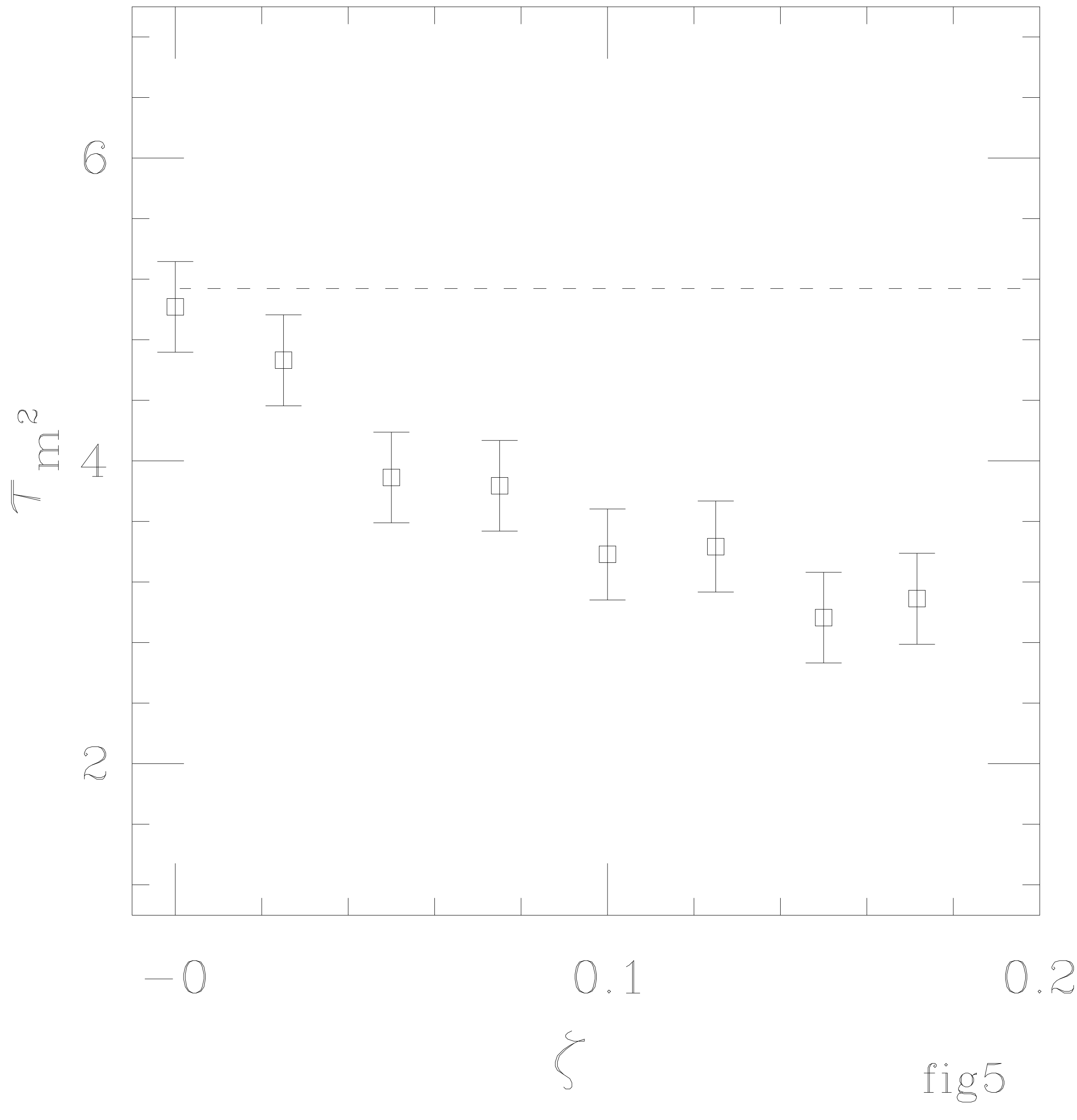


fig5

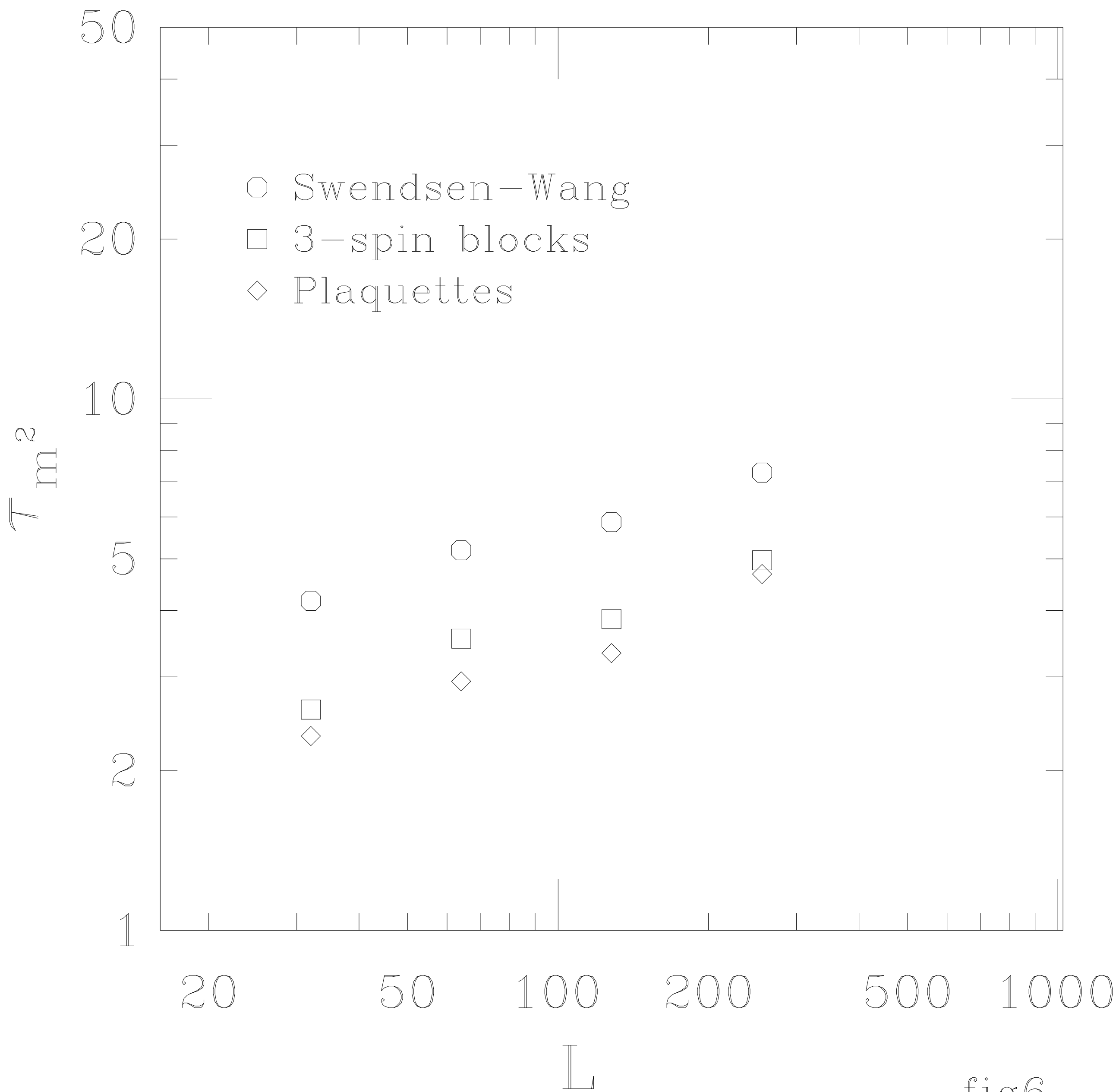
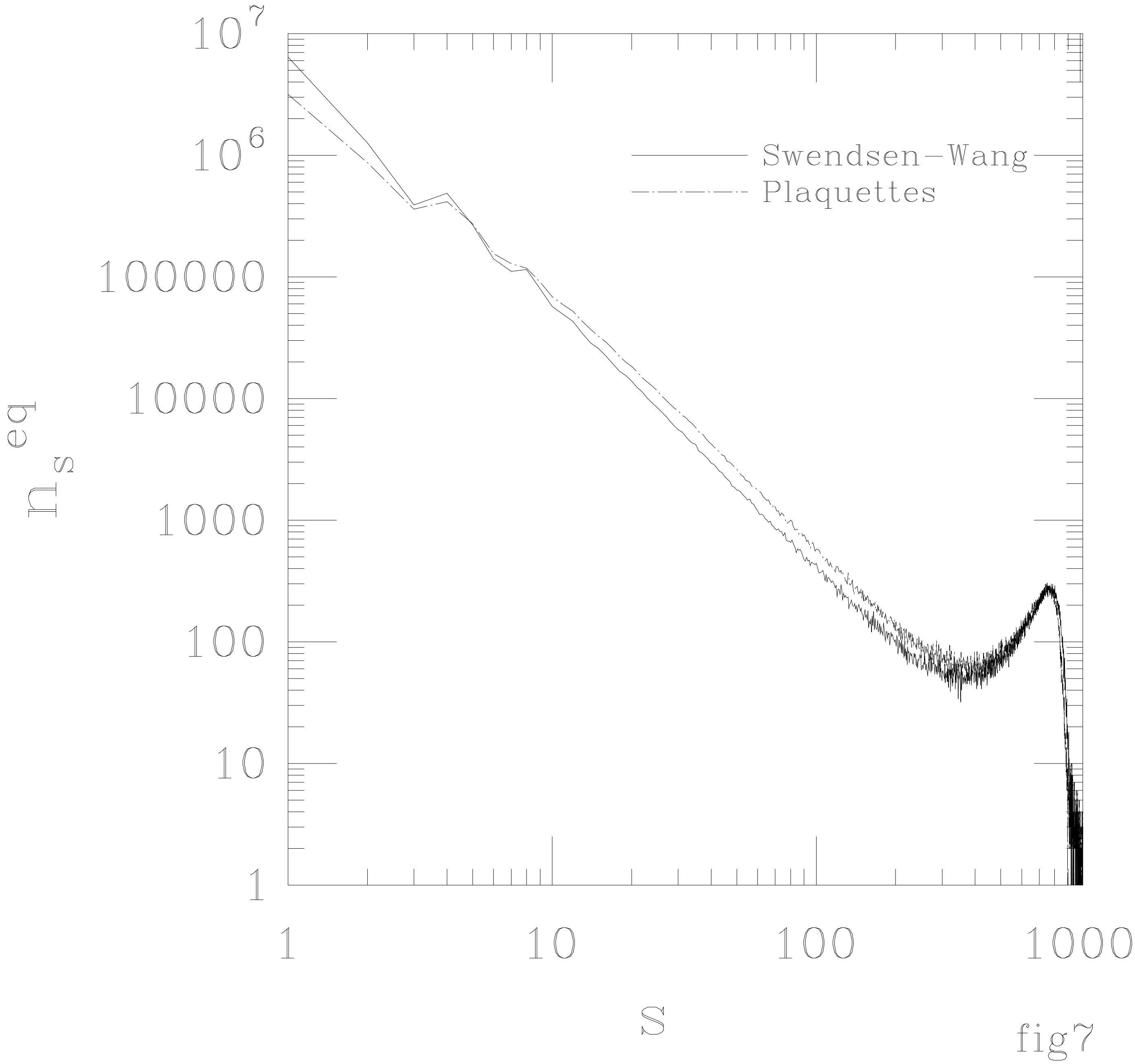

Swendsen-Wang
3-spin blocks
Plaquettes
50
20
10
5
2
1
20
50
100
200
500
1000
τ_{m^2}
L

fig6



10^7
10^6
100000
10000
1000
100
10
1
1
10
100
1000
n_s^{eq}
S
Swendsen−Wang
Plaquettes

fig7

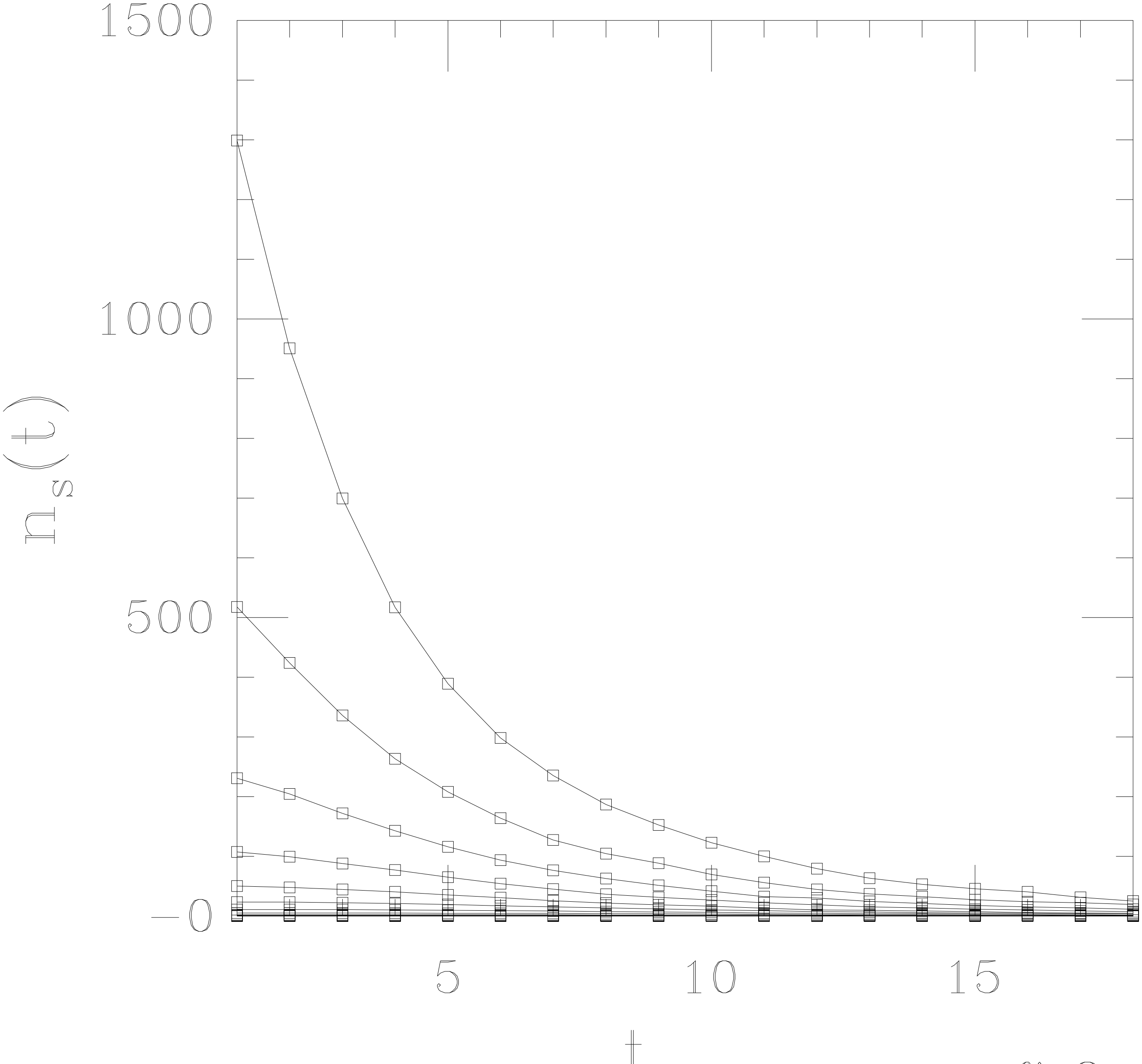


fig8a

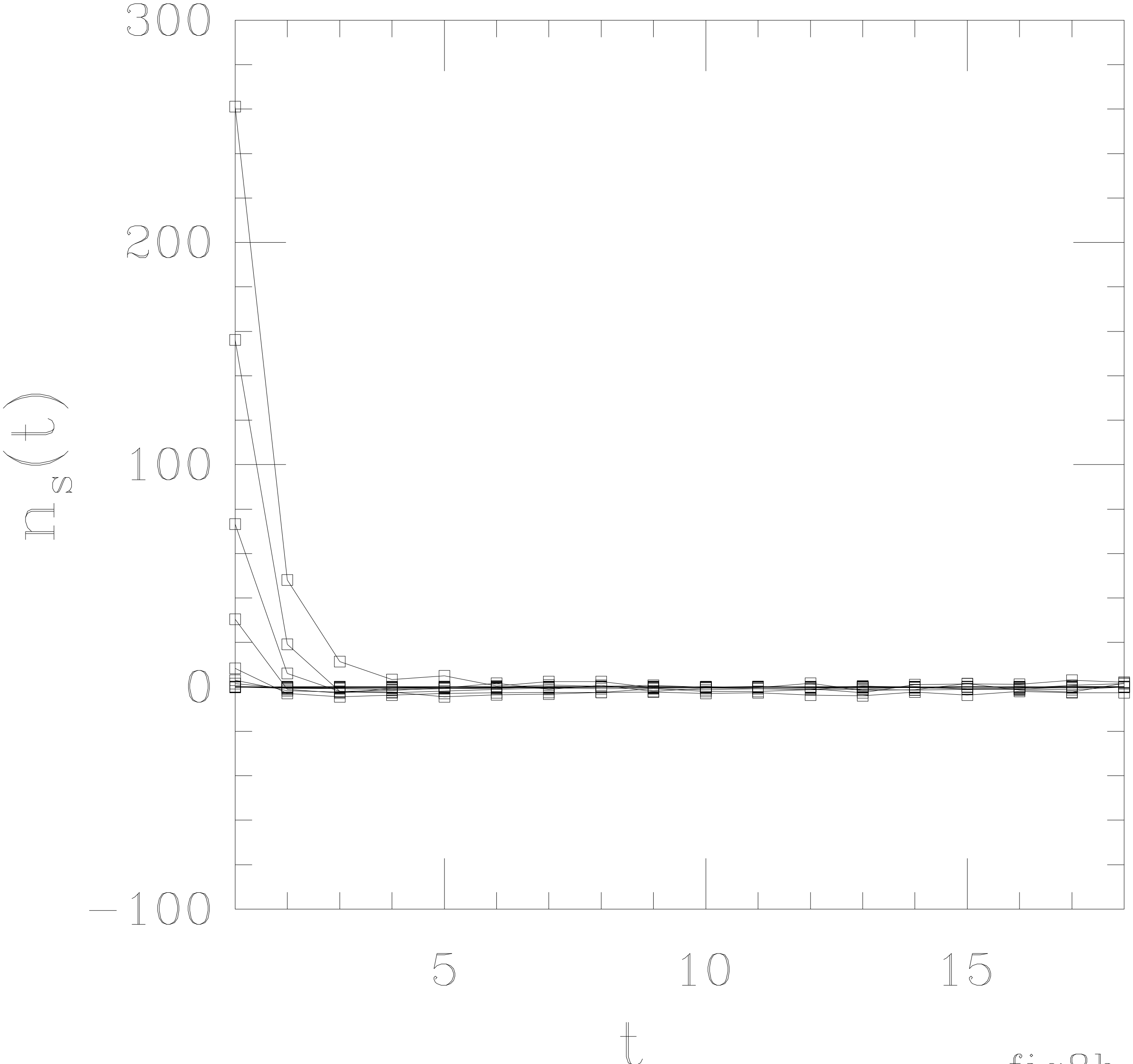


fig8b