a) regular architacture

b) MERA architacture

c) binary MERA (B_MERA)

d) Ternary MERA (T_MERA)

TABLE I. Accuracy for Heisenberg Model (averaged over 10 real-
on).

thod	W	N	$\overline{\sigma^2}/2^N$	Complexity
gular	$W = 8$	44	0.6058	$\mathcal{O}(2^{24})$
ERA	$W = 8$	44	0.6066	$\mathcal{O}(2^{24})$
MERA	$W = 8$	44	0.2407	$\mathcal{O}(2^{22})$
MERA	$W = 8$	44	0.0120	$\mathcal{O}(2^{27})$

TABLE I. Accuracy for Heisenberg Model (averaged over 50 real-
on).