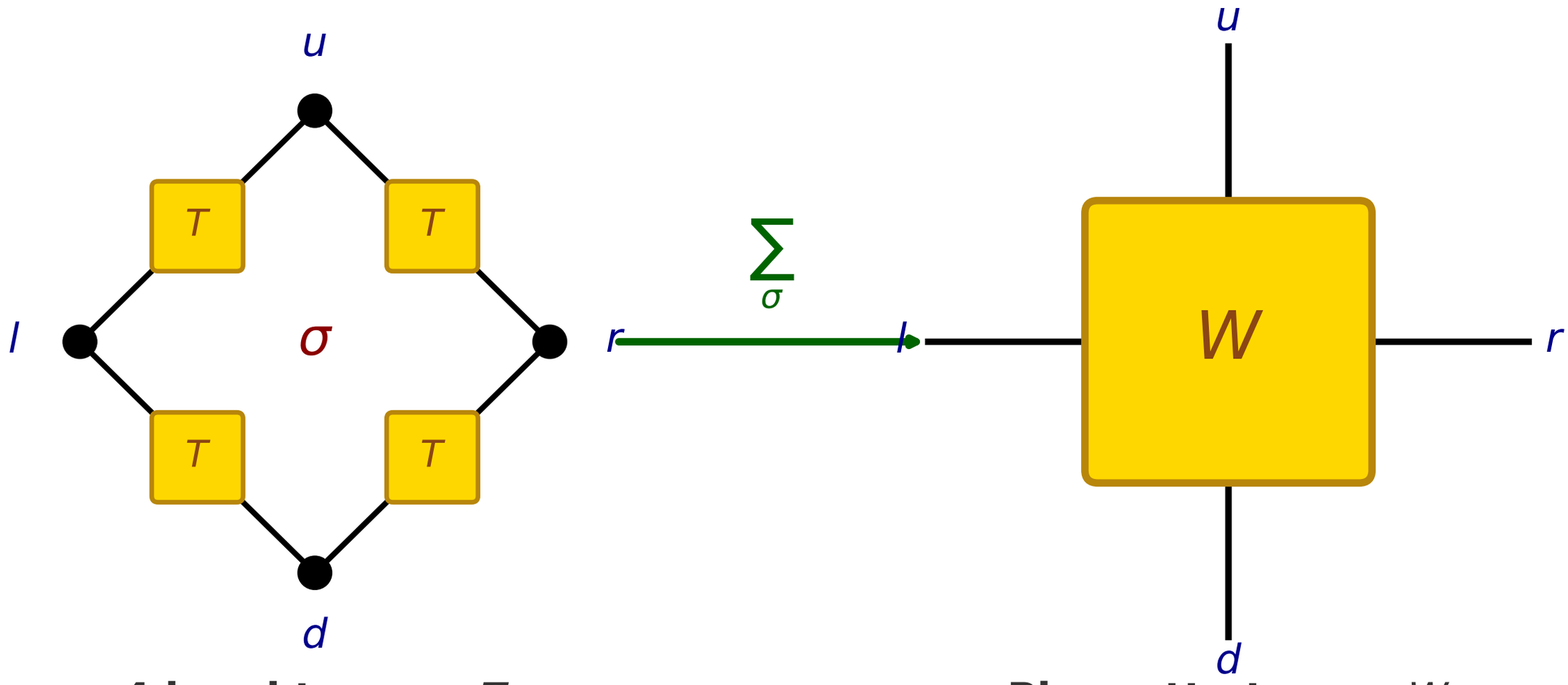
$$W_{u,d,l,r} = \sum_{\sigma} T_{\sigma,u} T_{\sigma,d} T_{\sigma,l} T_{\sigma,r}$$



4 bond tensors T

around central spin σ

Plaquette tensor W

rank-4: (u, d, l, r)