Tensor contraction benchmark  $L_{mjo}H_{opli}\Psi_{lmn}R_{nkp} = E\Psi_{ijk}$ 

MPS (state)  $\Psi$ , MPO (model) H, environments L, R, energy E (scalar) Bond dimensions j = k = m = n. Other dims. i = l = 2, o = p = 14

