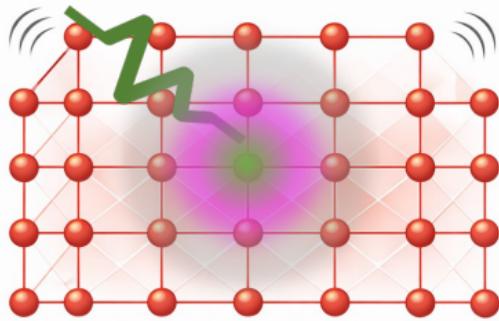


(a)



many-body system (M)



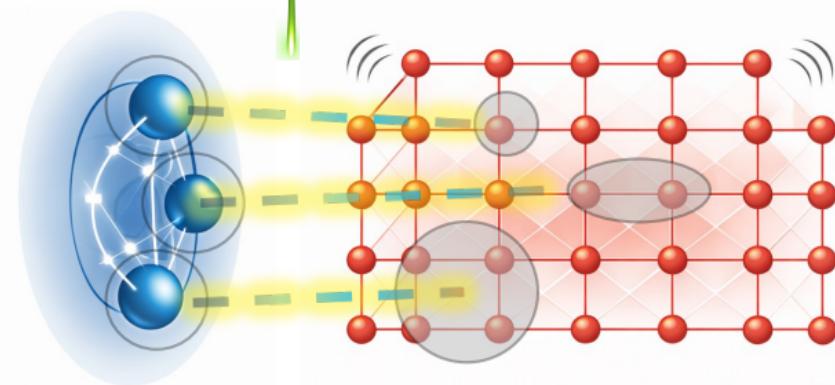
$[M(t_1), M(t_2)]$

....

1  $k$ -point correlator



(b)



quantum probe (P)

many-body system (M)



$[M(t_1), M(t_2)], \{M(t_1), M(t_2)\}$

....

$2^{k-1} k$ -point correlators