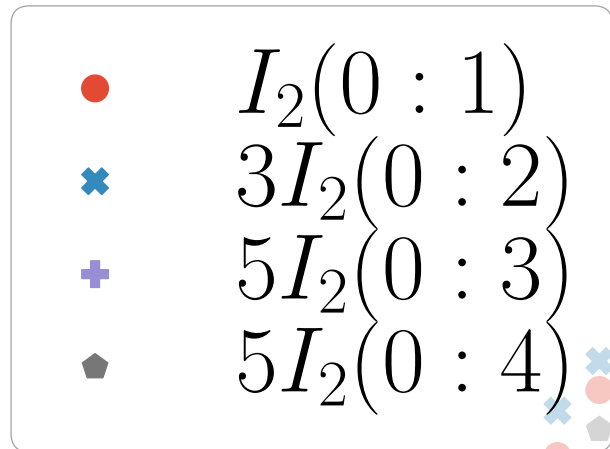


bath mutual information



$(r_{c2} - r)^{-1}$