$\mathcal{TC}(oldsymbol{x}_1,oldsymbol{x}_2,\ldots,oldsymbol{x}_n) = \mathcal{TC}(oldsymbol{x}_1,\ldots,oldsymbol{x}_{n-1}) + \mathcal{I}(oldsymbol{x}_1,\ldots,oldsymbol{x}_{n-1};oldsymbol{x}_n)$