

- Suppose  $I(X_1; X_3 | X_2) = 0$ .
- Then  $\mu^*(\tilde{X}_1 \cap \tilde{X}_3 - \tilde{X}_2) = 0$ .
- Suppress the atom  $\tilde{X}_1 \cap \tilde{X}_3 - \tilde{X}_2$  by setting it to  $\emptyset$ .